

PW15055

AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,  
AND COMPLIANCE SERVICES

AGREEMENT FOR CONSULTANT SERVICES

THIS AGREEMENT, made and entered into this 31<sup>st</sup> day of January, 2017.

BY AND BETWEEN

COUNTY OF LOS ANGELES, State of California,  
hereinafter referred to as County,

AND

ACCORD ENGINEERING, INC.  
hereinafter referred to as Consultant,

The parties hereto do mutually agree as follows:

1. Definition

County means either County; County, as agent for such joint powers authority or nonprofit corporation as may be involved in the issuance of bonds, certificates of participation, or other evidences of indebtedness to finance the work contemplated herein; or said joint powers authority or nonprofit corporation.

2. Consultant's Services

The scope of work shall be as outlined in the Attachment dated November 1, 2016. Consultant's proposal is incorporated herein as a part of this Contract. In the event that any conflict or inconsistency between this Contract and Consultant's proposal are found, such conflict or inconsistency shall be resolved by giving precedence first to the Contract and the attachments to the Contract.

No work shall commence on this project until a written Notice to Proceed is issued by County. County does not guarantee or promise that any work will be assigned to Consultant under this contract until a written Notice to Proceed is issued by the County. Consultant is also referred herein as Contractor.

3. Consideration

In consideration of the performance by Consultant in a manner satisfactory to County of the services described in Paragraph 2 above, including receipt and acceptance of such work by Director of the County of Los Angeles Department of Public Works (hereinafter

called Director), County agrees to pay Consultant an annual-aggregate not-to-exceed program amount of Twelve Million Five Hundred Thousand Dollars (\$12,500,000) in the manner set forth immediately below and according to the Schedule of Prices attached to this Agreement as Attachment 3. County does not guarantee any work or services of any specific monetary amount under this Contract.

Consultant shall invoice County upon the completion of tasks, subtasks, deliverables, and other additional services specified in this Agreement, Scope of Work, and any change orders, as applicable, and which have been approved in writing by the County.

- a. Payments for the work accomplished shall be made upon verification and acceptance of such work by Director, as stated in the Attachment dated November 1, 2016, up to an annual-aggregate not-to-exceed program amount of \$12,500,000. Invoices shall be accompanied by an analysis of work completed for the invoice period. This analysis shall be prepared in a format satisfactory to Director.
- b. At the sole discretion of the Director, or his/her designee, the annual-aggregate not-to-exceed program amount may be supplemented by up to \$75,000, per amendment, based on workload requirements. The aggregate amount of such amendments shall not exceed 25 percent of the original annual-aggregate program amount. The amendment shall be executed in accordance with Paragraph 49 Supplemental/Amendment. Work will be based on Consultant's fee schedule attached to this Agreement as Attachment 3.
- c. Consultant shall not proceed with additional services not set forth in the scope of work or perform services outside the Contract Term without an amendment to this Agreement as set forth in Paragraph 49. Consultant will not be paid for any expenditure beyond the Contract amount stipulated without an amendment to this Agreement.
- d. No Payment for Services Provided Following Expiration/Termination of Agreement: Consultant shall have no claim against County for payment for any money or reimbursement, of any kind whatsoever, for any service provided by Consultant after the expiration or other termination of this Agreement. Should Consultant receive any such payment it shall immediately notify County and shall immediately repay all such funds to County. Payment by County for services rendered after expiration/termination of this Agreement shall not constitute a waiver of County's right to recover such payment from Consultant. This provision shall survive the expiration or other termination of this Agreement.
- e. If requested by the Consultant, the contract hourly amount may, at the sole discretion of the County, be increased at the time of contract renewal, if exercised by the County, based on the most recently published percentage change in the U.S. Department of Labor, Bureau of Labor Statistics' Consumer Price Index (CPI) for the

Los Angeles-Riverside-Orange County Area for the 12-month period preceding the contract renewal date, which shall be the effective date for any Cost of Living Adjustment (COLA). However, any increase shall not exceed the general salary movement granted to County employees as determined by the Chief Executive Officer as of each July 1 for the prior 12-month period. Furthermore, should fiscal circumstances ultimately prevent the Board from approving any increase in County employee salaries, no COLA will be granted. Upon approval of a COLA, a notification will be sent to the Consultant.

- f. Consultant will notify County when Contract amount has been incurred up to 75% of the Contract total.

#### 4. Equipment and Supplies

Consultant agrees to furnish all necessary equipment and supplies used in the performance of the aforementioned services at Consultant's sole cost and expense.

#### 5. County's Responsibility

County will make available drawings, specifications, and other records as available in County Department of Public Works' file. Notwithstanding the foregoing, County does not represent the accuracy of the content of said materials.

#### 6. County's Representative

Director or Director's authorized representative, shall represent County in all matters pertaining to the services to be rendered pursuant to this Agreement.

#### 7. Term

- a. The term of this Agreement shall be for a period of one year commencing on the date of the full execution of the contract. At the sole discretion of the County, this Agreement may be extended for four additional one-year terms, not to exceed a total contract period of five years. No work will proceed until a Notice to Proceed is issued by the County.
- b. The Consultant shall notify Public Works when this Contract is within six (6) months from the expiration of the term as provided for hereinabove. Upon occurrence of this event, the Consultant shall send written notification to Public Works at the address herein provided in Notices Paragraph.
- c. If the County authorizes the Consultant in writing to perform services on a given project prior to the stated expiration date, but thereafter such services are not completed by the stated expiration date, then the expiration of the Agreement shall

be automatically extended solely to allow for the completion of such services. County may authorize unforeseen additional services and extend the contract expiration date as necessary to complete those services when the unforeseen additional services are directly related to the initial scope of work and are necessary for the completion of a given project.

8. Assignment and Delegation

- a. Consultant shall not assign its rights or delegate its duties under the Agreement, or both, whether in whole or in part, without the prior written consent of County, in its discretion, and any attempted assignment or delegation without such consent shall be null and void. For purposes of this paragraph, County consent shall require a written amendment to the Agreement, which is formally approved and executed by the parties. Any payments by County to any approved delegate or assignee on any claim under the Agreement shall be deductible, at County's sole discretion, against the claims which Consultant may have against County.
- b. Shareholders, partners, members, or other equity holders of Consultant may transfer, sell, exchange, assign, or divest themselves of any interest they may have therein. However, in the event any such sale, transfer, exchange, assignment, or divestment is effected in such a way as to give majority control of Consultant to any person(s), corporation, partnership, or legal entity other than the majority controlling interest therein at the time of execution of the Agreement, such disposition is an assignment requiring the prior written consent of County in accordance with applicable provisions of this Agreement.
- c. Any assumption, assignment, delegation, or takeover of any of the Consultant's duties, responsibilities, obligations, or performance of same by any entity other than the Consultant, whether through assignment, subcontract, delegation, merger, buyout, or any other mechanism, with or without consideration for any reason whatsoever without County's express prior written approval, shall be a material breach of the Agreement which may result in the termination of the Agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

9. Authorization Warranty

The Consultant represents and warrants that the person executing this Contract for the Consultant is an authorized agent who has actual authority to bind the Consultant to each and every term, condition, and obligation of this Contract and that all requirements of the Consultant have been fulfilled to provide such actual authority.

10. Budget Reductions

In the event that the County's Board of Supervisors adopts, in any fiscal year, a County

Budget which provides for reductions in the salaries and benefits paid to the majority of County employees and imposes similar reductions with respect to County Contracts, the County reserves the right to reduce its payment obligation under this Contract correspondingly for that fiscal year and any subsequent fiscal year during the term of this Contract (including any extensions), and the services to be provided by the Consultant under this Contract shall also be reduced correspondingly. The County's notice to the Consultant regarding said reduction in payment obligation shall be provided within thirty (30) calendar days of the Board's approval of such actions. Except as set forth in the preceding sentence, the Consultant shall continue to provide all of the services set forth in this Contract.

11. Compliance with Applicable Law

- a. In the performance of this Contract, Consultant shall comply with all applicable Federal, State and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures, and all provisions required thereby to be included in this Contract are hereby incorporated herein by reference.
- b. Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs, and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with any such laws, rules, regulations, ordinances, directives, guidelines, policies, or procedures, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction or other equitable relief, or make any admission, in each case, on behalf of County without County's prior written approval.

12. Compliance with Civil Rights Laws

The Consultant hereby assures that it will comply with Subchapter VI of the Civil Rights Act of 1964, 42 USC Sections 2000 (e) (1) through 2000 (e) (17), to the end that no person shall, on the grounds of race, creed, color, sex, religion, ancestry, age, condition of physical handicap, marital status, political affiliation, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract. The Consultant shall comply with Consultant's EEO Certification.

### 13. Compliance with Jury Service Program

This Contract is subject to provisions of the County's ordinance entitled Contractor Employee Jury Service (Jury Service Program) as codified in Sections 2.203.010 through 2.203.090 of the Los Angeles County Code, incorporated by reference and made a part of this Agreement.

- a. Unless Consultant, also referred herein as Contractor, has demonstrated to the County's satisfaction either that Contractor is not a Contractor as defined under the Jury Service Program (Section 2.203.020 of the County Code) or that Contractor qualifies for an exception to the Jury Service Program (Section 2.203.070 of the County Code), Consultant shall have and adhere to a written policy that provides that its Employees shall receive from the Contractor, on an annual basis, no less than five days of regular pay for actual jury service. The policy may provide that Employees deposit any fees received for such jury service with the Contractor or that the Contractor deduct from the Employee's regular pay the fees received for jury service.
- b. For purposes of this Section, Contractor means a person, partnership, corporation or other entity which has a Contract with the County or a subcontract with a County Contractor and has received or will receive an aggregate sum of \$50,000 or more in any 12-month period under one or more County Contracts or subcontracts. Employee means any California resident who is a full-time employee of Contractor. Full-time means 40 hours or more worked per week, or a lesser number of hours if:  
1) the lesser number is a recognized industry standard as determined by the County, or  
2) Contractor has a long-standing practice that defines the lesser number of hours as full-time. Full-time employees providing short-term, temporary services of 90 days or less within a 12-month period are not considered full-time for purposes of the Jury Service Program. If Contractor uses any subcontractor to perform services for the County under the Contract, the subcontractor shall also be subject to the provisions of this Paragraph. The provisions of this Section shall be inserted into any such subcontract Agreement and a copy of the Jury Service Program shall be attached to the Agreement.
- c. If Consultant is not required to comply with the Jury Service Program when the Contract commences, Contractor shall have a continuing obligation to review the applicability of its exception status from the Jury Service Program, and Contractor shall immediately notify County if Contractor at any time either comes within the Jury Service Program's definition of Contractor or if Contractor no longer qualifies for an exception to the Program. In either event, Contractor shall immediately implement a written policy consistent with the Jury Service Program. The County may also require, at any time during the Agreement and at its sole discretion, that Contractor demonstrate to the County's satisfaction that Contractor either continues to remain

outside the Jury Service Program's definition of Contractor and/or that Contractor continues to qualify for an exception to the Program.

- d. Contractor's violation of this Paragraph of the Agreement may constitute a material breach of the Agreement. In the event of such material breach, County may, in its sole discretion, terminate the Contractor and/or bar Contractor from the award of future County contracts for a period of time consistent with the seriousness of the breach.

#### 14. Confidentiality

Consultant shall maintain the confidentiality of all records and information, proprietary information, software codes, trade secrets, confidential information, etc., whether of County or third parties, in accordance with all applicable Federal, State, and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures relating to confidentiality, including, without limitation, County policies concerning information technology security and the protection of confidential records and information.

Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting, or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with this Paragraph, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction, or make any admission, in each case, on behalf of County without County's prior written approval.

#### 15. Conflict of Interest

No County employee in a position to influence the award of this Agreement or any competing Agreement, and no spouse or economic dependent of such employee, shall be employed in any capacity by Consultant herein, or have any other direct or indirect financial interest in this Agreement. No officer or employee of the Consultant who may financially benefit from the performance of work hereunder shall in any way participate in the County's approval, or ongoing evaluation, of such work, or in any way attempt to unlawfully influence the County's approval or ongoing evaluation of such work.

The Consultant shall comply with all conflict of interest laws, ordinances, and regulations now in effect or hereafter to be enacted during the term of this Agreement. The Consultant warrants that it is not now aware of any facts that create a conflict of interest. If the Consultant hereafter becomes aware of any facts that might reasonably be expected to create a conflict of interest, it shall immediately make full written disclosure of such facts to the County. Full written disclosure shall include, but is not limited to, identification of all persons implicated and a complete description of all relevant circumstances. Failure to comply with the provisions of this Paragraph shall be a material breach of this Agreement.

16. Consideration of Hiring County Employees Targeted for Layoff/or Re-Employment List

Should the Consultant require additional or replacement personnel after the effective date of this Contract to perform the services set forth herein, the Consultant shall give first consideration for such employment openings to qualified, permanent County employees who are targeted for layoff or qualified, former County employees who are on a re-employment list during the life of this Contract.

17. Consideration of Hiring GAIN/GROW Program Participants

Should the Consultant require additional or replacement personnel after the effective date of this Contract, the Consultant shall give consideration for any such employment openings to participants in the County's Department of Public Social Services Greater Avenues for Independence (GAIN) Program or General Relief Opportunity for Work (GROW) Program who meet the Consultant's minimum qualifications for the open position. For this purpose, consideration shall mean that the Consultant will interview qualified candidates. The County will refer GAIN/GROW participants by job category to the Consultant. Consultant shall report all job openings with job requirements to: [GAINGROW@dpss.lacounty.gov](mailto:GAINGROW@dpss.lacounty.gov) to obtain a list of qualified GAIN/GROW job candidates.

In the event that both laid-off County employees and GAIN/GROW participants are available for hiring, County employees shall be given first priority.

18. Background and Security Investigations

- a. Each of Contractor's staff performing services under this Contract, who is in a designated sensitive position, as determined by County in County's sole discretion, shall undergo and pass a background investigation to the satisfaction of County as a condition of beginning and continuing to perform services under this Contract. Such background investigation must be obtained through fingerprints submitted to the California Department of Justice to include State, local, and federal-level review, which may include, but shall not be limited to, criminal conviction information. The fees associated with the background investigation shall be at the



expense of the Contractor, regardless of whether the member of Contractor's staff passes or fails the background investigation.

- b. If a member of Contractor's staff does not pass the background investigation, County may request that the member of Contractor's staff be removed immediately from performing services under the Contract. Contractor shall comply with County's request at any time during the term of the Contract. County will not provide to Contractor or to Contractor's staff any information obtained through the County's background investigation.
- c. County, in its sole discretion, may immediately deny or terminate facility access to any member of Contractor's staff that does not pass such investigation to the satisfaction of the County or whose background or conduct is incompatible with County facility access.
- d. Disqualification of any member of Contractor's staff pursuant to this Paragraph shall not relieve Contractor of its obligation to complete all work in accordance with the terms and conditions of this Contract.

19. Consultant Responsibility and Debarment

- a. A responsible Consultant is a Contractor who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the Contract. It is the County's policy to conduct business only with responsible Contractors. Contractor is a Contractor who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the Contract. It is the County's policy to conduct business only with responsible Contractors.
- b. The Contractor is hereby notified that, in accordance with Chapter 2.202 of the County Code, if the County acquires information concerning the performance of the Contractor on this or other Contracts which indicates that the Contractor is not responsible, the County may, in addition to other remedies provided in the Contract, debar the Contractor from bidding or proposing on, or being awarded, and/or performing work on County Contracts for a specified period of time, which generally will not exceed five years but may exceed five years or be permanent if warranted by the circumstances, and terminate any or all existing Contracts the Contractor may have with the County.
- c. The County may debar a Contractor if the Board of Supervisors finds, in its discretion, that the Contractor has done any of the following: (1) violated a term of a Contract with the County or a nonprofit corporation created by the County; (2) committed an act or omission which negatively reflects on the Contractor's quality, fitness or capacity to perform a Contract with the County, any other public entity, or a nonprofit corporation created by the County, or engaged in a pattern or practice which negatively reflects on same; (3) committed an act or offense which indicates

a lack of business integrity or business honesty, or (4) made or submitted a false claim against the County or any other public entity.

- d. If there is evidence that the Contractor may be subject to debarment, the Department will notify the Contractor in writing of the evidence which is the basis for the proposed debarment and will advise the Contractor of the scheduled date for a debarment hearing before the Contractor Hearing Board.
- e. The Contractor Hearing Board will conduct a hearing where evidence on the proposed debarment is presented. The Contractor and/or the Contractor's representative shall be given an opportunity to submit evidence at that hearing. After the hearing, the Contractor Hearing Board shall prepare a tentative proposed decision, which shall contain a recommendation regarding whether the Contractor should be debarred, and, if so, the appropriate length of time of the debarment. The Contractor and the Department shall be provided an opportunity to object to the tentative proposed decision prior to its presentation to the Board of Supervisors.
- f. After consideration of any objections, or if no objections are submitted, a record of the hearing, the proposed decision and any other recommendation of the Contractor Hearing Board shall be presented to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny or adopt the proposed decision and recommendation of the Hearing Board.
- g. If the Contractor has been debarred for a period longer than five years, that Contractor may, after the debarment has been in effect for at least five years, submit a written request for review of the debarment determination to reduce the period of debarment or terminate the debarment. The County may, in its discretion, reduce the period of debarment or terminate the debarment if it finds that the Contractor has adequately demonstrated one or more of the following: (1) elimination of the grounds for which the debarment was imposed; (2) a bona fide change in ownership or management; (3) material evidence discovered after debarment was imposed; or (4) any other reason that is in the best interests of the County.
- h. The Contractor Hearing Board will consider a request for review of a debarment determination only where (1) the Contractor has been debarred for a period longer than five years; (2) the debarment has been in effect for at least five years; and (3) the request is in writing, states one or more of the grounds for reduction of the debarment period or termination of the debarment, and includes supporting documentation. Upon receiving an appropriate request, the Contractor Hearing Board will provide notice of the hearing on the request. At the hearing, the Contractor Hearing Board shall conduct a hearing where evidence on the proposed reduction of debarment period or termination of debarment is presented. This hearing shall be conducted and the request for review decided by the Contractor Hearing Board pursuant to the same procedures as for a debarment hearing.

The Contractor Hearing Board's proposed decision shall contain a recommendation on the request to reduce the period of debarment or terminate the debarment. The Contractor Hearing Board shall present its proposed decision and recommendation to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny, or adopt the proposed decision and recommendation of the Contractor Hearing Board.

i. These terms shall also apply to subcontractors of County Contractors.

20. Consultant's Acknowledgement of County's Commitment to the Safely Surrendered Baby Law and Notice to Employees Regarding the Safely Surrendered Baby Law

The Consultant acknowledges that the County places a high priority on the implementation of the Safely Surrendered Baby Law. The Consultant understands that it is the County's policy to encourage all County Consultants to voluntarily post the County's "Safely Surrendered Baby Law" poster in a prominent position at the Consultant's place of business. The Consultant will also encourage its Subconsultants, if any, to post this poster in a prominent position in the Subconsultant's place of business. The County's Department of Children and Family Services will supply the Consultant with the poster to be used. Information on how to receive the poster can be found on the Internet at [www.babysafela.org](http://www.babysafela.org).

The Consultant shall notify and provide to its employees, and shall require each Subconsultant to notify and provide to its employees, a fact sheet regarding the Safely Surrendered Baby Law, its implementation in Los Angeles County, and where and how to safely surrender a baby. The fact sheet is available on the Internet at [www.babysafela.org](http://www.babysafela.org) for printing purposes.

21. Contractor's Warranty of Adherence to County's Child Support Compliance Program

Contractor acknowledges that County has established a goal of ensuring that all individuals who benefit financially from County through Contract are in compliance with their court-ordered child, family, and spousal support obligations in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

As required by County's Child Support Compliance Program (County Code Chapter 2.200) and without limiting Contractor's duty under this Contract to comply with all applicable provisions of law, Contractor warrants that it is now in compliance and shall during the term of this Contract maintain compliance with employment and wage reporting requirements as required by the Federal Social Security Act (42 USC Section 653a) and California Unemployment Insurance Code Section 1088.5, and shall implement all lawfully served Wage and Earnings Withholding Orders or District Attorney Notices of Wage and Earnings Assignment for Child or Spousal Support, pursuant to Code of Civil Procedure Section 706.031 and Family Code Section 5246(b).

Failure of Contractor to maintain compliance with these requirements shall constitute a default by Contractor under this Contract.

22. County's Quality Assurance Plan

County, or its agent, will evaluate Consultant's performance under this Agreement on not less than an annual basis. Such evaluation will include assessing Consultant's compliance with all Contract terms and performance standards. Consultant deficiencies which County determines are severe or continuing, and that may place performance of the Agreement in jeopardy if not corrected, will be reported to the Board of Supervisors. The report will include improvement/corrective action measures taken by County and Consultant. If improvement does not occur consistent with the corrective action measures, County may terminate this Agreement or impose other penalties as specified in this Agreement.

23. County Rights

The County may employ, either during or after performance of this Contract, any right of recovery the County may have against the Consultant by any means it deems appropriate including, but not limited to, set-off, action at law or in equity, withholding, recoupment, or counterclaim. The rights and remedies of the County under this Contract are in addition to any right or remedy provided by California law.

24. Damage to County Facilities, Buildings or Grounds

- a. When applicable, the Consultant shall repair, or cause to be repaired, at its own cost, any and all damage to County facilities, buildings, or grounds caused by the Consultant or employees or agents of the Consultant. Such repairs shall be made immediately after the Consultant has become aware of such damage, but in no event later than thirty (30) days after the occurrence.
- b. If the Consultant fails to make timely repairs, County may make any necessary repairs. All costs incurred by County, as determined by County, for such repairs shall be repaid by the Consultant by cash payment upon demand.

25. Employment Eligibility Verification

Consultant warrants that it fully complies with all Federal statutes and regulations regarding employment of aliens and others, and that all its employees performing services hereunder meet the citizenship or alien status requirements contained in Federal statutes and regulations. Consultant shall obtain, from all covered employees performing services hereunder, all verifications and other documentation of employment eligibility status required by Federal statutes and regulations as they currently exist and as they may be hereafter amended. Consultant shall retain such

documentation for all covered employees for the period prescribed by law. Consultant shall indemnify, defend, and hold harmless County, its officers, and employees from employer sanctions and any other liability which may be assessed against Consultant or County in connection with any alleged violation of Federal statutes or regulations pertaining to the eligibility for employment of persons performing services under this Agreement.

26. Facsimile/Electronic Representations

The County and the Consultant hereby agree to regard facsimile/electronic representations of original signatures of authorized officers of each party, when appearing in appropriate places on the amendments prepared, and received via communications facilities, as legally sufficient evidence that such original signatures have been affixed to amendments to this Contract, such that the parties need not follow up facsimile/electronic transmissions of such documents with subsequent (non-facsimile/electronic) transmission of "original" versions of such documents.

27. Fair Labor Standards

Consultant shall comply with all applicable provisions of the Federal Fair Labor Standards Act, and shall indemnify, defend, and hold harmless County, its agents, officers, and employees from any and all liability including, but not limited to, wages, overtime pay, liquidated damages, penalties, court costs, and attorneys' fees arising under any wage and hour law including, but not limited to, the Federal Fair Labor Standards Act for services performed by Consultant's employees for which County may be found jointly or solely liable.

28. Force Majeure

- a. Neither party shall be liable for such party's failure to perform its obligations under and in accordance with this Contract, if such failure arises out of fires, floods, epidemics, quarantine restrictions, other natural occurrences, strikes, lockouts (other than a lockout by such party or any of such party's subconsultants), freight embargoes, or other similar events to those described above, but in every such case the failure to perform must be totally beyond the control and without any fault or negligence of such party (such events are referred to in this Paragraph as "force majeure events").
- b. Notwithstanding the foregoing, a default by a subconsultant of Consultant shall not constitute a force majeure event, unless such default arises out of causes beyond the control of both Consultant and such subconsultant, and without any fault or negligence of either of them. In such case, Consultant shall not be liable for failure to perform, unless the goods or services to be furnished by the subconsultant were obtainable from other sources in sufficient time to permit Consultant to meet the required performance schedule. As used in this sub-

paragraph, the term "subconsultant" and "subconsultants" mean subconsultants at any tier.

- c. In the event Consultant's failure to perform arises out of a force majeure event, Consultant agrees to use commercially reasonable best efforts to obtain goods or services from other sources, if applicable, and to otherwise mitigate the damages and reduce the delay caused by such force majeure event.

## 29. Governing Law, Jurisdiction, and Venue

This Contract shall be governed by, and construed in accordance with, the laws of the State of California. The Consultant agrees and consents to the exclusive jurisdiction of the courts of the State of California for all purposes regarding this Contract and further agrees and consents that venue of any action brought hereunder shall be exclusively in the County of Los Angeles.

## 30. Independent Consultant Status

This Agreement is by and between County of Los Angeles and Consultant and is not intended, and shall not be construed, to create the relationship of agent, servant, employee, partnership, joint venture, or association, as between County and Consultant. The employees and agents of one party shall not be, or be construed to be, the employees or agents of the other party for any purpose whatsoever.

The Consultant shall be solely liable and responsible for providing to, or on behalf of, all persons performing work pursuant to this Contract all compensation and benefits. The County shall have no liability or responsibility for the payment of any salaries, wages, unemployment benefits, disability benefits, Federal, State, or local taxes, or other compensation, benefits, or taxes for any personnel provided by or on behalf of the Consultant. Consultant understands and agrees that all persons furnishing services to County pursuant to this Agreement are, for purposes of Workers' Compensation liability, employees solely of Consultant and not of County.

Consultant shall bear the sole responsibility and liability for furnishing workers' compensation benefits to any person for injuries arising from, or connected with, services performed on behalf of Consultant pursuant to this Agreement.

## 31. Indemnification and Insurance

The Indemnification and Insurance Provisions are set forth in Attachment 2 of this Agreement.

### 32. Liquidated Damages

- a. If, in the judgment of the Director, or his/her designee, the Consultant is deemed to be non-compliant with the terms and obligations assumed hereby, the Director, or his/her designee, at his/her option, in addition to, or in lieu of, other remedies provided herein, may withhold the entire monthly payment or deduct pro rata from the Consultant's invoice for work not performed. A description of the work not performed and the amount to be withheld or deducted from payments to the Consultant from the County, will be forwarded to the Consultant by the Director, or his/her designee, in a written notice describing the reasons for said action.
- b. If the Director or his/her designee, determines that there are deficiencies in the performance of this Contract that the Director, or his/her designee, deems are correctable by the Consultant over a certain time span, the Director, or his/her designee, will provide a written notice to the Consultant to correct the deficiency within specified time frames. Should the Consultant fail to correct deficiencies within said time frame, the Director, or his/her designee, may: (a) Deduct from the Consultant's payment, pro rata, those applicable portions of the Monthly Contract Sum; and/or (b) Deduct liquidated damages. The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure of the Consultant to correct a deficiency within the specified time frame. The parties hereby agree that under the current circumstances a reasonable estimate of such damages is One Hundred Dollars (\$100) per day per infraction, and that the Consultant shall be liable to the County for liquidated damages in said amount. Said amount shall be deducted from the County's payment to the Consultant; and/or (c) Upon giving five (5) days notice to the Consultant for failure to correct the deficiencies, the County may correct any and all deficiencies and the total costs incurred by the County for completion of the work by an alternate source, whether it be County forces or separate private Consultant, will be deducted and forfeited from the payment to the Consultant from the County, as determined by the County.
- c. The action noted in this Paragraph shall not be construed as a penalty, but as adjustment of payment to the Consultant to recover the County cost due to the failure of the Consultant to complete or comply with the provisions of this Contract.
- d. This Paragraph shall not, in any manner, restrict or limit the County's right to damages for any breach of this Contract provided by law or as specified in Paragraph b above, and shall not, in any manner, restrict or limit the County's right to terminate this Contract as agreed to herein.

### 33. Most Favored Public Entity

If the Consultant's prices decline, or should the Consultant at any time during the term of this Contract provide the same goods or services under similar quantity and delivery conditions to the State of California or any county, municipality, or district of the State at prices below those set forth in this Contract, then such lower prices shall be immediately extended to the County.

### 34. Nondiscrimination and Affirmative Action

- a. The Consultant certifies and agrees that all persons employed by it, its affiliates, subsidiaries, or holding companies are and shall be treated equally without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations.
- b. The Consultant shall certify to, and comply with, the provisions of Consultant's EEO Certification.
- c. The Consultant shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations. Such action shall include, but is not limited to: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.
- d. The Consultant certifies and agrees that it will deal with its subconsultants, bidders, or vendors without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation.
- e. The Consultant certifies and agrees that it, its affiliates, subsidiaries, or holding companies shall comply with all applicable Federal and State laws and regulations to the end that no person shall, on the grounds of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract.
- f. The Consultant shall allow County representatives access to the Consultant's employment records during regular business hours to verify compliance with the provisions of this Paragraph when so requested by the County.
- g. If the County finds that any provisions of this Paragraph have been violated, such violation shall constitute a material breach of this Contract upon which the County



may terminate or suspend this Contract. While the County reserves the right to determine independently that the anti-discrimination provisions of this Contract have been violated, in addition, a determination by the California Fair Employment and Housing Commission or the Federal Equal Employment Opportunity Commission that the Consultant has violated Federal or State anti-discrimination laws or regulations shall constitute a finding by the County that the Consultant has violated the anti-discrimination provisions of this Contract.

- h. The parties agree that in the event the Consultant violates any of the anti-discrimination provisions of this Contract, the County shall, at its sole option, be entitled to the sum of Five Hundred Dollars (\$500) for each such violation pursuant to California Civil Code Section 1671 as liquidated damages in lieu of terminating or suspending this Contract.

35. Non Exclusivity

Nothing herein is intended nor shall be construed as creating any exclusive arrangement with the Consultant. This Contract shall not restrict Department from acquiring similar, equal or like goods and/or services from other entities or sources.

36. Notice of Delays

Except as otherwise provided under this Contract, when either party has knowledge that any actual or potential situation is delaying or threatens to delay the timely performance of this Contract, that party shall, within one (1) business day, give notice thereof, including all relevant information with respect thereto, to the other party.

37. Notice of Disputes

The Consultant shall bring to the attention of the County's Project Manager and/or County's Project Director any dispute between the County and the Consultant regarding the performance of services as stated in this Contract. If the County's Project Manager or County's Project Director is not able to resolve the dispute, the Director of Public Works, or his/her designee shall resolve it.

38. Notice to Employees Regarding the Federal Earned Income Credit

Consultant shall notify its employees, and shall require each subconsultant to notify its employees, that they may be eligible for the Federal Earned Income Credit under the Federal income tax laws. Such notice shall be provided in accordance with the requirement set forth in Internal Revenue Service Notice 1015.

39. Contractor CARD Track/Monitoring Database

The County maintains databases that track/monitor contractor performance history. Information entered into such databases may be used for a variety of purposes,

including determining whether the County will exercise a contract term extension option.

40. Notices

Any notice required or desired to be given pursuant to this Agreement shall be given in writing and addressed as follows:

COUNTY

Department of Public Works  
Contracts and Business Affairs Division  
Contracts and Operations, 8th Floor  
900 South Fremont Avenue  
Alhambra, CA 91803  
(626) 300-2325

CONSULTANT

Accord Engineering, Inc.  
2923 Pullman Street  
Santa Ana, CA 92705  
(714) 241-7200

The address for notice may be changed by giving notice pursuant to this paragraph.

41. Ownership of County Materials

- a. Consultant and County agree that all materials, including but not limited to, designs, specifications, techniques, plans, reports, deliverables, data, photographs, diagrams, maps, images, graphics, text, videos, advertising, software, source codes, website plans and designs, interactive media, drafts, working papers, outlines, sketches, summaries, edited and/or unedited versions of deliverables, and any other materials or information developed under this Agreement and any and all Intellectual Property rights to these materials, including any copyrights, trademarks, service marks, trade secrets, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof, are and/or shall be the sole property of County (hereafter collectively, "County Materials"). Consultant hereby assigns and transfers to County all Consultant's right, title and interest in and to all such County Materials developed under this Agreement.

Notwithstanding such County ownership in the County Materials, Consultant may retain possession of working papers and materials prepared by Consultant under this Contract. During and for a minimum of five years subsequent to the term of this Contract, County shall have the right to inspect any and all such working papers and materials, make copies thereof and use the working papers and materials and the information contained therein.

- b. Consultant shall execute all documents requested by County and shall perform all other acts requested by County to assign and transfer to, and vest in County, all Consultant's right, title and interest in and to the County Materials, including, but not limited to, any and all copyrights, trademarks, service marks, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof resulting from this Contract. County shall have the right to register all applicable copyrights, trademarks and patents in the name of the County of Los Angeles. Further, County shall have the right to assign, license, or otherwise transfer any and all County's rights, title and interest, including, but not limited to copyrights, trademarks, and patents, in and to the County Materials.
- c. Consultant represents and warrants that the County Materials prepared herein under this Agreement, are the original work of Consultant and do not infringe upon any Intellectual Property or proprietary rights of third parties. For those portions of the County Materials that are not the original work of Consultant, Consultant represents and warrants that it has secured all appropriate licenses, rights, and/or permission from appropriate third parties to include such materials in the County Materials.

Consultant shall defend, indemnify and hold County harmless against any claims by third parties based on infringement of copyright, patent, trade secret, trademark, or any other claimed Intellectual Property or proprietary right, arising from County's use of County Materials created and/or prepared by Consultant. Consultant will also indemnify and defend at its sole expense, any action brought against County based on a claim that County Materials furnished hereunder by Consultant and used within the scope of this Agreement infringe any copyright, patent, trade secret, trademark, or any other claimed intellectual property or proprietary right of third parties, and Consultant will pay any costs, damages and attorney's fees incurred by County. County will notify Consultant promptly and in writing of any such action or claim and will permit Consultant to fully participate in the defense thereof.

- d. Consultant shall affix the following notice to all County Materials: "© Copyright 2016 (or such other appropriate date of first publication), County of Los Angeles. All Rights Reserved." Consultant shall affix such notice on the title page of all images, photographs, documents and writings, and otherwise as County may direct.
- e. County shall also have the sole right to control the preparation, modification, and revisions to, all acknowledgment and/or attribution language for all County Materials resulting from this Agreement. County will however, honor requests by Consultant seeking removal of all acknowledgment and/or attribution language relating to the Consultant, should Consultant no longer wish to receive attribution for its work on the County Materials.

- f. If directed to do so by County, Consultant will place the County name and County logo on County Materials developed under this Agreement. Consultant may not, however, use the County name and County logo on any other materials prepared or developed by Consultant that falls outside the scope of this Agreement.

#### 42. Prohibition Against Inducement or Persuasion

Notwithstanding the above, the Consultant and the County agree that, during the term of this Contract and for a period of one year thereafter, neither party shall in any way intentionally induce or persuade any employee of one party to become an employee or agent of the other party. No bar exists against any hiring action initiated through a public announcement.

#### 43. Prohibition from Participation in Future Solicitation(s)

Neither Consultant nor any subsidiary of or subcontractor to Consultant shall participate in any way in any future solicitation conducted by County that includes or is based upon any solicitation document that is developed as a result of the services rendered by Consultant under this Agreement. As this prohibition applies to subcontractors of the Consultant, Consultant shall notify any subcontractors providing services under this Agreement of this prohibition before they commence work under this Agreement. Any response to a solicitation submitted by Consultant or by any subsidiary of or subcontractor to Consultant in violation of this provision shall be rejected by County. This provision shall survive the expiration or other termination of this Agreement.

#### 44. Public Records Act

- a. Any documents submitted by the Consultant; all information obtained in connection with the County's right to audit and inspect the Consultant's documents, books, and accounting records pursuant to Record Retention and Inspection/Audit Settlement Paragraph of this Contract; as well as those documents which were required to be submitted in response to the Request for Proposals (RFP) used in the solicitation process for this Contract, become the exclusive property of the County. All such documents become a matter of public record and shall be regarded as public records. Exceptions will be those elements in the California Government Code Section 6250 et seq. (Public Records Act) and which are marked "trade secret," "confidential," or "proprietary." The County shall not in any way be liable or responsible for the disclosure of any such records including, without limitation, those so marked, if disclosure is required by law, or by an order issued by a court of competent jurisdiction.
- b. In the event the County is required to defend an action on a Public Records Act request for any of the aforementioned documents, information, books, records, and/or contents of a proposal marked "trade secret," "confidential," or "proprietary," the Consultant agrees to defend and indemnify the County from all

costs and expenses, including reasonable attorney's fees, in action or liability arising under the Public Records Act.

45. Publicity

- a. The Consultant shall not disclose any details in connection with this Contract to any person or entity except as may be otherwise provided hereunder or required by law. However, in recognizing the Consultant's need to identify its services and related clients to sustain itself, the County shall not inhibit the Consultant from publishing its role under this Contract within the following conditions:
  - i. The Consultant shall develop all publicity material in a professional manner; and
  - ii. During the term of this Contract, the Consultant shall not, and shall not authorize another to, publish or disseminate any commercial advertisements, press releases, feature articles, or other materials using the name of the County without the prior written consent of the County's Project Director. The County shall not unreasonably withhold written consent.
- b. The Consultant may, without the prior written consent of County, indicate in its proposals and sales materials that it has been awarded this Contract with the County of Los Angeles, provided that the requirements of this Paragraph shall apply.

46. Record Retention and Inspection/Audit Settlement

The Consultant shall maintain accurate and complete financial records of its activities and operations relating to this Contract in accordance with generally accepted accounting principles. The Consultant shall also maintain accurate and complete employment and other records relating to its performance of this Contract. The Consultant agrees that the County, or its authorized representatives, shall have access to and the right to examine, audit, excerpt, copy, or transcribe any pertinent transaction, activity, or record relating to this Contract. All such material, including, but not limited to, all financial records, bank statements, cancelled checks or other proof of payment, timecards, sign-in/sign-out sheets and other time and employment records, and proprietary data and information, shall be kept and maintained by the Consultant and shall be made available to the County during the term of this Contract and for a period of five (5) years thereafter unless the County's written permission is given to dispose of any such material prior to such time. All such material shall be maintained by the Consultant at a location in Los Angeles County, provided that if any such material is located outside Los Angeles County, then, at the County's option, the Consultant shall pay the County for travel, per diem, and other costs incurred by the County to examine, audit, excerpt, copy, or transcribe such material at such other location.

- a. In the event that an audit of the Consultant is conducted specifically regarding this Contract by any Federal or State auditor, or by any auditor or accountant employed by the Consultant or otherwise, then the Consultant shall file a copy of

such audit report with the County's Auditor-Controller within thirty (30) days of the Consultant's receipt thereof, unless otherwise provided by applicable Federal or State law or under this Contract. Subject to applicable law, the County shall make a reasonable effort to maintain the confidentiality of such audit report(s).

- b. Failure on the part of the Consultant to comply with any of the provisions of this Paragraph shall constitute a material breach of this Contract upon which the County may terminate or suspend this Contract.
- c. If, at any time during the term of this Contract or within five (5) years after the expiration or termination of this Contract, representatives of the County conduct an audit of the Consultant regarding the work performed under this Contract, and if such audit finds that the County's dollar liability for any such work is less than payments made by the County to the Consultant, then the difference shall be either: a) repaid by the Consultant to the County by cash payment upon demand or b) at the sole option of the County's Auditor-Controller, deducted from any amounts due to the Consultant from the County, whether under this Contract or otherwise. If such audit finds that the County's dollar liability for such work is more than the payments made by the County to the Consultant, then the difference shall be paid to the Consultant by the County by cash payment, provided that in no event shall the County's maximum obligation for this Contract exceed the funds appropriated by the County for the purpose of this Contract.

47. Recycled Bond Paper

Consistent with the Board of Supervisors' policy to reduce the amount of solid waste deposited at the County landfills, the Consultant agrees to use recycled-content paper to the maximum extent possible on this Contract.

48. Subcontracting

- a. The requirements of this Contract may not be subcontracted by the Consultant without the advance approval of the County. Subconsultants listed in the Consultant's Proposals are approved by County, unless otherwise indicated by County. Any attempt by the Consultant to subcontract without the prior consent of the County may be deemed a material breach of this Contract.
- b. If the Consultant desires to subcontract, the Consultant shall provide the following information promptly at the County's request.
  - A description of the work to be performed by the Subconsultant;
  - A draft copy of the proposed subcontract; and
  - Other pertinent information and/or certifications requested by the County.

- c. The Consultant shall indemnify and hold the County harmless with respect to the activities of each and every Subconsultant in the same manner and to the same degree as if such Subconsultant(s) were the Consultant employees.
- d. The County does not have contractual privity with the subconsultant. The Consultant shall remain fully responsible for all performances required of it under this Contract, including those that the Consultant has determined to subcontract. Consultant shall remain fully responsible for services rendered by any subconsultant pursuant to a subcontract between the Consultant and subconsultant.
- e. The Consultant shall be solely liable and responsible for all payments or other compensation to all Subconsultants and their officers, employees, agents, and successors in interest arising through services performed hereunder, notwithstanding the County's consent to subcontract.
- f. The Consultant shall obtain certificates of insurance, which establish that the Subconsultant maintains all the programs of insurance required by the County from each approved Subconsultant. The Consultant shall ensure delivery of all such documents to:

Department of Public Works  
 Contracts and Business Affairs Division  
 Contracts and Operations, 8th Floor  
 900 South Fremont Avenue  
 Alhambra, CA 91803  
 (626) 300-2325

before any Subconsultant employee may perform any work hereunder.

49. Supplemental/Amendment

- a. For any change which affects the scope of work, Term, Contract Sum, payments, or any term or condition included under this Contract, a Supplement or an Amendment shall be prepared and executed by the Consultant and by Director.
- b. The County's Board of Supervisors or Chief Executive Officer or designee may require the addition and/or change of certain terms and conditions in the Contract during the term of this Contract. The County reserves the right to add and/or change such provisions as required by the County's Board of Supervisors or Chief Executive Officer. To implement such changes, a Supplement or an Amendment to the Contract shall be prepared and executed by the Consultant and by the Director.
- c. The County, at its sole discretion, may authorize extensions of time as defined in Paragraph 7, Term. The Consultant agrees that such extensions of time shall not change any other term or condition of this Contract during the period of such extensions. To implement an extension of time, a Notice to the Consultant will be

prepared by County unless the term extension is applied automatically in accordance with Paragraph 7.c.

50. Termination for Breach of Warranty to Maintain Compliance with County's Child Support Compliance Program

Failure of the Contractor to maintain compliance with the requirements set forth in Contractor's Warranty of Adherence to County's Child Support Compliance Program Paragraph, shall constitute default under this Contract. Without limiting the rights and remedies available to the County under any other provision of this Contract, failure of the Contractor to cure such default within ninety (90) calendar days of written notice shall be grounds upon which the County may terminate this Contract pursuant to Termination for Default and pursue debarment of the Contractor, pursuant to County Code Chapter 2.202.

51. Termination for Breach of Warranty to Maintain Compliance with County's Defaulted Property Tax Reduction Program.

Failure of Contractor to maintain compliance with the requirements set forth in "Contractor's Warranty of Compliance with County's Defaulted Property Tax Reduction Program" shall constitute default under this contract. Without limiting the rights and remedies available to County under any other provision of this contract, failure of Contractor to cure such default within 10 days of notice shall be grounds upon which County may terminate this contract and/or pursue debarment of Contractor, pursuant to County Code Chapter 2.206.

52. Termination for Convenience

- a. This Contract may be terminated, in whole or in part, when such action is deemed by the County, in its sole discretion, to be in its best interest. Termination of work hereunder shall be effected by notice of termination to the Consultant specifying the extent to which performance of work is terminated and the date upon which such termination becomes effective. The date upon which such termination becomes effective shall be no less than three (3) days after the notice is sent.
- b. After receipt of a notice of termination and except as otherwise directed by the County, the Consultant shall 1) stop work under this Contract on the date and to the extent specified in such notice, and 2) complete performance of such part of the work as shall not have been terminated by such notice.
- c. All material including books, records, documents, or other evidence bearing on the costs and expenses of the Consultant under this Contract shall be maintained by the Consultant in accordance with Record Retention and Inspection/Audit Settlement Paragraph.
- d. County shall not incur any liability to Consultant, other than payment for work already performed, up to the date of termination.



### 53. Termination for Default

- a. The County may, by written notice to the Consultant, terminate the whole or any part of this Contract, if, in the judgment of County's Project Director:
  - Consultant has materially breached this Contract; or
  - Consultant fails to timely provide and/or satisfactorily perform any task, deliverable, service, or other work required either under this Contract; or
  - Consultant fails to demonstrate a high probability of timely fulfillment of performance requirements under this Contract, or of any obligations of this Contract and in either case, fails to demonstrate convincing progress toward a cure within five (5) working days (or such longer period as the County may authorize in writing) after receipt of written notice from the County specifying such failure.
- b. In the event that the County terminates this Contract in whole or in part as provided in this Paragraph, the County may procure, upon such terms and in such manner as the County may deem appropriate, goods and services similar to those so terminated. The Consultant shall be liable to the County for any and all excess costs incurred by the County, as determined by the County, for such similar goods and services. The Consultant shall continue the performance of this Contract to the extent not terminated under the provisions of this subparagraph.
- c. Except with respect to defaults of any Subconsultant, the Consultant shall not be liable for any such excess costs of the type identified in above sub-paragraph if its failure to perform this Contract arises out of causes beyond the control and without the fault or negligence of the Consultant. Such causes may include, but are not limited to: acts of God or of the public enemy, acts of the County in either its sovereign or contractual capacity, acts of Federal or State governments in their sovereign capacities, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case, the failure to perform must be beyond the control and without the fault or negligence of the Consultant. If the failure to perform is caused by the default of a Subconsultant, and if such default arises out of causes beyond the control of both the Consultant and Subconsultant, and without the fault or negligence of either of them, the Consultant shall not be liable for any such excess costs for failure to perform, unless the goods or services to be furnished by the Subconsultant were obtainable from other sources in sufficient time to permit the Consultant to meet the required performance schedule. As used in this Paragraph, the term "Subconsultant(s)" means Subconsultant(s) at any tier.
- d. If, after the County has given notice of termination under the provisions of this Paragraph, it is determined by the County that the Consultant was not in default under the provisions of this Paragraph, or that the default was excusable under the provisions of Paragraph, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to Termination for

Convenience Paragraph.

- e. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

54. Termination for Improper Consideration

County may, by written notice to Consultant, immediately terminate the right of Consultant to proceed under this Agreement if it is found that consideration, in any form, was offered or given by Consultant, either directly or through an intermediary, to any County officer, employee, or agent with the intent of securing the Agreement or securing favorable treatment with respect to the award, amendment, or extension of the Agreement or the making of any determinations with respect to Consultant's performance pursuant to the agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

Consultant shall immediately report any attempt by a County officer or employee to solicit such improper consideration. The report shall be made either to County manager charged with the supervision of the employee or to County Auditor-Controller's Employee Fraud Hotline at (213) 974-0914 or (800) 544-6861.

Among other items, such improper consideration may take the form of cash, discounts, service, the provision of travel or entertainment, or tangible gifts.

55. Termination for Insolvency

- a. The County may terminate this Contract forthwith in the event of the occurrence of any of the following: 1) Insolvency of the Consultant. The Consultant shall be deemed to be insolvent if it has ceased to pay its debts for at least sixty (60) days in the ordinary course of business or cannot pay its debts as they become due, whether or not a petition has been filed under the Federal Bankruptcy Code and whether or not the Consultant is insolvent within the meaning of the Federal Bankruptcy Code; 2) The filing of a voluntary or involuntary petition regarding the Consultant under the Federal Bankruptcy Code; 3) The appointment of a Receiver or Trustee for the Consultant; or 4) The execution by the Consultant of a general assignment for the benefit of creditors.
- b. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

56. Termination for Non-Adherence of County Lobbyist Ordinance

The Contractor, and each County Lobbyist or County Lobbying firm as defined in County Code Section 2.160.010 retained by the Contractor, shall fully comply with the County's Lobbyist Ordinance, County Code Chapter 2.160. Failure on the part of the Contractor or any County Lobbyist or County Lobbying firm retained by the Contractor to fully comply with the County's Lobbyist Ordinance shall constitute a material breach of this Contract, upon which the County may in its sole discretion, immediately terminate or suspend this Contract.

57. Termination For Non-Appropriation of Funds

Notwithstanding any other provision of this Contract, the County shall not be obligated for the Consultant's performance hereunder or by any provision of this Contract during any of the County's future fiscal years unless and until the County's Board of Supervisors appropriates funds for this Contract in the County's Budget for each such future fiscal year. In the event that funds are not appropriated for this Contract, then this Contract shall terminate as of June 30 of the last fiscal year for which funds were appropriated. The County shall notify the Consultant in writing of any such non-allocation of funds at the earliest possible date.

58. Time Off for Voting

The Consultant shall notify its employees, and shall require each subconsultant to notify and provide to its employees, information regarding the time off for voting law (Elections Code Section 14000). Not less than 10 days before every statewide election, every Consultant and subconsultants shall keep posted conspicuously at the place of work, if practicable, or elsewhere where it can be seen as employees come or go to their place of work, a notice setting forth the provisions of Section 14000.

59. Warranty of Compliance with County's Defaulted Property Tax Reduction Program

Contractor acknowledges that County has established a goal of ensuring that all individuals and businesses that benefit financially from County through contract are current in paying their property tax obligations (secured and unsecured roll) in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

Unless Contractor qualifies for an exemption or exclusion, Contractor warrants and certifies that to the best of its knowledge it is now in compliance, and during the term of this contract will maintain compliance, with Los Angeles County Code Chapter. 2.206.

60. Validity

If any provision of this Contract or the application thereof to any person or circumstance is held invalid, the remainder of this Contract and the application of such provision to other persons or circumstances shall not be affected thereby.

#### 61. Waiver

No waiver by the County of any breach of any provision of this Contract shall constitute a waiver of any other breach or of such provision. Failure of the County to enforce at any time, or from time to time, any provision of this Contract shall not be construed as a waiver thereof. The rights and remedies set forth in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

#### 62. Warranty Against Contingent Fees

- a. The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon any Contract or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business.
- b. For breach of this warranty, the County shall have the right to terminate this Contract and, at its sole discretion, deduct from the Contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.

#### 63. Prevailing Wage Requirements

This work includes prevailing wage and non-prevailing wage work.

##### a. Prevailing Wages

When applicable, the services provided in this Contract constitute "public works" as defined in California Labor Code 1720, and are therefore subject to payment of prevailing wages, compliance monitoring and enforcement by the Department of Industrial Relations (DIR).

The Director of the DIR has established the general prevailing rate of per diem wages for each craft, classification, type of worker, or mechanic needed to execute public works and improvements. The current general prevailing wage rate determinations are available at [www.dir.ca.gov/dlsr/pwd/index.htm](http://www.dir.ca.gov/dlsr/pwd/index.htm). The Contractor is required to pay its agents and employees the applicable, current prevailing wage rate and is responsible for selecting the classification of workers required to perform this service.

The Contractor agrees to comply with the provisions of Section 1775 of the California Labor Code relating to the payment of prevailing wages, the utilization of apprentices in accordance to LC 1777.5, and the assessment of penalties determined by the California Labor Commissioner. Pursuant to Section 1773.2 of the California Labor Code, copies of the prevailing rate of per diem wages are on file at the County Department of Public Works, Construction Division, and will be

made available for inspection by request to the Contract Administrator. Future effective wage rates will be on file with the Department of Industrial Relations. The new wage rates shall become effective on the day following the expiration date of the current determinations and apply to the Contract in the same manner as if they had been included or referenced in the Contract.

b. Work Records

The Contractor shall comply with the requirements of Section 1812 of the Labor Code. The Contractor shall maintain an accurate written record of all employees working on the project each calendar day. The record shall include each employee's name, Social Security number, job classification, and the actual number of hours worked.

c. Posting of Notices

The Contractor shall comply with the provisions of Section 1773.2 of the Labor Code. The Contractor shall post a copy of the prevailing wage rates at the worksite and comply with applicable law including posting of jobsite notices required by 8 California Code Reg. §16451(d):

*"This public works project is subject to monitoring and investigative activities by the Compliance Monitoring Unit (CMU) of the Division of Labor Standards Enforcement, Department of Industrial Relations, State of California. This Notice is intended to provide information to all workers employed in the execution of the Contract for public work and to all contractors and other persons having access to the jobsite to enable the CMU to ensure compliance with and enforcement of prevailing wage laws on public works projects.*

*The prevailing wage laws require that all workers be paid at least the minimum hourly wage as determined by the Director of Industrial Relations for the specific classification (or type of work) performed by workers on the project. These rates are listed on a separate jobsite posting of minimum prevailing rates required to be maintained by the public entity, which awarded the public works Contract. Complaints concerning nonpayment of the required minimum wage rates to workers on this project may be filed with the CMU at any office of the Division of Labor Standards Enforcement (DLSE).*

*Local Office Telephone Number:*

*Division of Labor Standards Enforcement Office  
320 West Fourth Street, Suite 450  
Los Angeles, CA 90013  
(213) 620-6330*

*Complaints should be filed in writing immediately upon discovery of any violations of the prevailing wage laws due to the short period of time following the*

*completion of the project that the CMU may take legal action against those responsible.*

*Complaints should contain details about the violations alleged (for example, wrong rate paid, not all hours paid, overtime rate not paid for hours worked in excess of 8 hours per day or 40 hours per week, etc.) as well as the name of the employer, the public entity which awarded the public works Contract, and the location and name of the project.*

*For general information concerning the prevailing wage laws and how to file a complaint concerning any violation of these prevailing wage laws, you may contact any DLSE office. Complaint forms are also available at the Department of Industrial Relations website found at <http://www.dir.ca.gov/Public-Works/PublicWorks.html>."*

d. Certified Payroll Records

The Contractor shall comply with the requirements of Section 1776 of the Labor Code. Contractor and Subcontractors, if any, must furnish certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) in a format prescribed by the Labor Commissioner.

- e. When requested by the County, electronic certified payroll records must be submitted to the County, through an online system designated by the County.

64. Mental Health Services for Critical Incidents

In the event of a serious accident on the Project site, the Los Angeles County Department of Mental Health (DMH) will, if requested, respond. The response may be within a few hours or as long as a few days after the incident, depending on when the request was made. The services DMH will provide include crisis intervention, normalization of the stress response that survivors may be experiencing, stress management techniques and resources if the stress reactions increase in frequency or intensity. Requests for services may be made by calling the DMH Emergency Outreach Bureau Deputy Director, (213) 738-4924, during normal business hours or the ACCESS Center, (800) 854-7771, evenings, holidays, and weekends.

65. Local Small Business Enterprise Utilization: When requested by the County, the Consultant shall provide to the County via methods specified by the County, such as submission of electronic live (or dynamic) data on invoices for the prime and all subcontractors using County-designated third party software system or to a County approved website, or other means of submitting expenditure information on subconsultants, including but not limited to the following information: the name, business address and telephone number/email address of each subconsultant.

In addition, the Consultant shall be required to provide each of the specified subconsultant's Local Small Business Enterprise (SBE), Disabled Veterans Enterprise

(DBVE), and Social Enterprise status (i.e., whether any of the listed subcontractors are Local SBE's) and the proposed monetary amount of the work the subconsultant will perform on each Notice to Proceed. At the time of submittal of each invoice, the consultant shall indicate, via methods specified by the County, the actual dollar amounts paid to each listed subconsultant who performed work on the project. The subconsultant may be requested to confirm receipt of the actual payment to the subconsultant by the prime.

The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure to the Contractor to comply with this Article. The parties will agree that under the current circumstances a reasonable estimate of such damages is specified in this Consultant Services Agreement, Paragraph 32, Liquidated Damages, and that the Consultant shall be liable to the County for said amount.

If in the judgment of the Director, or his/her designee, the Consultant is deemed to be in non-compliance with the terms and obligations, the Director or his/her designee, at his/her option, in addition to, or in lieu of, other remedies provided in the Consultant Services Agreement, may deduct and withhold liquidated damages from County's final payment to the Consultant.

66. Compliance with County's Zero Tolerance Human Trafficking

Consultant acknowledges that the County has established a Zero Tolerance Human Trafficking Policy prohibiting consultants from engaging in human trafficking.

If a Consultant or member of Consultant's staff is convicted of a human trafficking offense, the County shall require that the Consultant or member of Consultant's staff be removed immediately from performing services under the Contract. County will not be under any obligation to disclose confidential information regarding the offenses other than those required by law.

Disqualification of any member of Consultant's staff pursuant to this paragraph shall not relieve Consultant of its obligation to complete all work in accordance with the terms and conditions of this Contract.

67. Entire Agreement

This Contract constitutes the entire Agreement between County and Consultant and may be modified only by further written Agreement between the parties hereto.

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IN WITNESS WHEREOF, the County has, by order of its Board of Supervisors, caused these presents to be subscribed by the Director of the Department of Public Works, and the Consultant has hereunto subscribed its corporate name and affixed its corporate seal by its duly authorized officers the day, month, and year herein first above written.

COUNTY OF LOS ANGELES

ACCORD ENGINEERING, INC.

By   
Deputy Director  
Department of Public Works

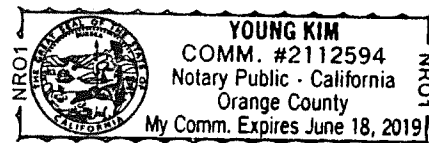
By   
President

By   
Secretary

APPROVED AS TO FORM:

MARY C. WICKHAM  
County Counsel

By   
Deputy County Counsel



SEE NOTARY ATTACHMENT



## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Orange

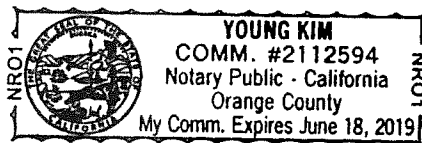
On Nov. 15<sup>th</sup> 2016 before me, Young Kim, Notary Public  
(insert name and title of the officer)

personally appeared Ta-Cheng Max Pan / Secretary of Accord,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Young Kim (Seal)



Date of Document 11/15/2016  
Type or Title of Document Agreement  
Number of Pages in Document 32 pages for Consultant Services  
Document in a Foreign Language N/A

**November 1, 2016**

**ATTACHMENT 1**  
**AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,  
AND COMPLIANCE SERVICES**  
**ACCORD ENGINEERING, INC.**

The services to be rendered by the Consultant shall include all services and provisions as described in the County's Request for Proposals dated November 24, 2015, all Notice to Proposers, and the Consultant's proposal dated January 12, 2016, except to the extent they are inconsistent with this attachment and the terms of this Agreement. Consultant's work shall consist of all such services as are customarily rendered when providing as-needed environmental assessment, remediation, and compliance services. The work shall include, but not be limited to, the following:

**SCOPE OF SERVICES**

1. Conduct Phase I Environmental Site Assessments (ESAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. Phase I ESAs and reports shall be compliant with current USEPA (including All Appropriate Inquiries: 40 CFR Part 312, November 1, 2005), ASTM (including E 1527-05 and E1527-13) standards, and ASTM E-2600-10 Vapor Encroachment Screening Standards or equivalent, as well as with other applicable standards and local, State, and Federal guidelines, and the County of Los Angeles Department of Public Works (Public Works) specifications.
2. Prepare Initial Studies (ISs), Environmental Impact Reports (EIRs) and Environmental Impact Statements (EISs), in compliance with the California Environmental Quality Act, and the National Environmental Policy Act, as well as in compliance with other applicable local, State, and Federal guidelines and standards, and Public Works specifications.
3. Conduct Preliminary Endangerment Assessments (PEAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. PEAs shall be compliant with DTSC and any other applicable standards; local, State, and Federal guidelines; and Public Works Specifications. Public Works may require Consultant's American Board of Industrial Hygiene Certified Industrial Hygienist (CIH) and/or Diplomate of the American Board of Toxicology (DABT) to prepare and sign PEAs.
4. Conduct Phase II ESAs and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. Phase II ESAs, underground storage tank (UST) release investigations, work plans, groundwater

monitoring reports, consultant's Health and Safety Plan (HSPs), and all related reports shall be compliant with current USEPA, CFR, and ASTM guidelines and standards. Phase II ESAs, reports, and plans shall also fulfill the requirements and guidelines of applicable local, State, and Federal regulators, as well as any Public Works specifications. Public Works may require consultant's HSPs to be signed by the Consultant's CIH.

5. Conduct Risk Assessment Analyses (RAAs)/Health Risk Assessments (HRAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the analyses. The RAAs/HRAs shall be compliant with USEPA and any other applicable local, State, and Federal guidelines and regulations, and Public Works specifications. Public Works may require Consultant's CIH and/or DABT to prepare and sign the RAAs/HRAs.
6. Conduct Phase III environmental site remedial activities and prepare reports presenting the findings, conclusions, and recommendations resulting from the remedial activities. Remediation reports, as well as UST removal and closure reports, remedial action plans, pilot test reports, technical reports, consultant HSPs, and site closure reports, shall be compliant with USEPA, CFR, and ASTM guidelines and standards and fulfill the requirements and follow the guidelines of applicable local, State, and Federal regulators, as well as any Public Works specifications. Consultant HSPs shall be approved and signed by Consultant's CIH. Remedial excavation designs may require approvals from a California Professional Civil Engineer and Certified compaction reports may be required for backfilling of remedial excavations.
7. Collect, analyze, characterize, and profile soil, groundwater, and other substance and material samples in accordance with ASTM and USEPA standards and local, State, and Federal guidelines. Sampling and analytical testing procedures shall follow proper Chain-of-Custody protocols and satisfy Public Works and contract laboratory requirements. All Consultant contract laboratories shall be State-certified Environmental Laboratories and shall be pre-approved by Public Works.
8. Public Works will review and approve the waste transporter provider, waste disposal method, waste disposal contractor, and the waste disposal facility proposed by the Consultant for processing hazardous and non-hazardous soil, water, free-product, and other waste materials generated from environmental and construction projects. Public Works may dictate that the Consultant use a specific waste disposal transporter, waste disposal method, and/or waste disposal contractor/facility. Public Works will generally require that all soil, water, free-product, and other wastes be recycled/treated and not landfilled, unless the waste composition/contamination precludes recycling/treatment. All hazardous/non-hazardous waste manifests are only to be signed by authorized Public Works personnel.

9. Prepare HSPs for Public Works personnel working on Public Works projects. HSPs shall be approved and signed by the Consultant's CIH. HSPs shall be compliant with OSHA requirements set forth in 29 CFR 1910, as well as any other applicable local, State, or Federal requirements. Public Works may supply a draft HSP that is to be reviewed, modified, and signed by the Consultant's CIH.
10. Prepare, submit, and process applications, reports, and other documents as required to obtain permits related to environmental projects or associated construction projects. These permits may include, but are not limited to, NPDES, AQMD, WDR, UST, encroachment, access, temporary construction, drilling, excavation, utility, and well construction/destruction permits. Permits may require the Consultant to perform monthly and final regulatory submittals, regulatory notifications, record keeping, and other procedures. The Consultant may also be required to perform Dig Alert (Underground Service Alert) demarcations and notifications.
11. Provide air monitoring and record keeping as required by AQMD Rule 1166, and as requested by Public Works specifications.
12. Conduct comprehensive hazardous building materials property-condition surveys of County facilities and other facilities that interest the County where renovation or demolition activities may take place. For these facilities, develop comprehensive hazardous-materials abatement plans that establish requirements and provide scopes of work for performing the abatements, and provide estimated quantities of hazardous materials, abatement cost estimates, and recommendations for managing abatement wastes. The survey shall be managed by appropriately experienced, certified and/or licensed professionals. Substances that may be tested by the consultant's State-certified Analytical Laboratory may include, but are not limited to, asbestos-containing materials, lead-based paint, PCB-containing light ballasts, florescent light tubes, tritium-based exit signs, mercury-based thermometers, and mold.
13. Provide services for abating asbestos-containing materials, lead-based paint, PCB-containing light ballasts, florescent light tubes, tritium-based exit signs, mercury-based thermometers, mold, and other hazardous building materials and related substances from County facilities. Services must be performed in accordance with a hazardous materials abatement plan, using qualified personnel employed by a licensed contractor, possessing all necessary licenses and permits, and providing all required regulatory notifications.
14. Provide services for County-owned fueling stations with either aboveground or underground fuel storage tanks, or both, at various Los Angeles County facilities. Services may include performing fuel system inspections, repairs, maintenance, and upgrades; performing tank integrity testing; preparing and submitting permit

applications and design drawings; preparing business plans; expediting permit issuances; responding to and correcting Notice of Violations (NOVs); and obtaining and uploading required information into the California Environmental Reporting System (CERS).

15. Process and submit reimbursement packages to the State of California Underground Storage Tank Cleanup Fund, including Geotracker data uploading.
16. Conduct hydrogeologic and hydrologic investigations that include percolation and infiltration rate tests, aquifer tests (including aquifer capacity tests, pump tests, and slug tests), and other appropriate analyses and testing. Design and assemble dewatering systems based upon the NPDES permit either acquired by Public Works or Consultant. Perform well and piezometer installations, rehabilitations, abandonments (including oil wells), and assessments.
17. Perform geophysical surveys for utility clearance, identifying natural geologic structures, and locating manmade items, such as buried drums, pipelines, and storage tanks. Perform electric well logging and borehole geophysics. Geophysical survey reports are to provide interpretations of subsurface conditions by utilizing colored cross-sections, 3-dimensional figures, and/or contour maps. A State of California Professional Geophysicist shall supervise all geophysical survey work and sign all reports and technical documentation.
18. Perform agronomic studies for identifying soil conditions necessary for proper special-purpose plant production or for soil conditions that are not conducive to specific plant growth.
19. Perform biological assessments to evaluate the conditions of waterbodies using surveys and other direct measurements of resident biological organisms (macroinvertebrates, fish, and plants). Perform preliminary jurisdictional assessments and delineations, such as for identifying established wetlands. Perform general habitat assessments. Provide resource agency permit processing and coordination with entities such as the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, California Regional Water Quality Control Board, and the California Coastal Commission.
20. Provide consultation, advice, alternatives, and recommendations to Public Works regarding any environmental-, health-, or compliance-related concerns.
21. Provide project management and oversight of primary contract-hired or Public Works-hired contractors and subcontractors with regard to environmental, health, or compliance related activities.

22. Public Works reserves the right to utilize both in-house and Public Works-contracted drilling crews, construction crews, surveyors, and environmental laboratories outside of the Consultant's contract in conjunction with the requested Scope of Services.
23. Investigations, assessments, remedial actions, and related activities must be conducted by or under the direct supervision of the Consultant's State of California Professional Geologist. For projects involving hazardous building material assessments, toxicological or biological/agronomical studies, health and safety/industrial hygiene-related issues, or other related matters, supervision and document signatures should be performed by the respective, appropriately trained/certified, and experienced professionals. Reports, work plans, drawings, boring logs, collected data, and related documentation produced for Public Works projects must be approved and signed by the Consultant's State of California Professional Geologist. In some instances, Public Works may require the involvement and/or signature of a State of California Certified Engineering Geologist, State of California Certified Hydrogeologist, State of California Professional Geophysicist, State of California Professional Civil Engineer, State of California Professional Geotechnical Engineer, CIH, or DABT.
24. Consultant's State of California Professional Geologist, and other staff, will meet with Public Works staff to discuss the scope of work and cost estimates, may attend pre-construction and ongoing construction meetings, may attend health and safety meetings, may provide project progress reports, and provide information on other subjects related to projects, as frequently as Public Works deems necessary. At Public Works' request, Consultant's Professional Geologist, and other staff, may represent or assist Public Works in meetings with regulatory agencies, other agencies and districts, and with private and public organizations and groups.
25. Provide four full-colored hard copies and one full-colored electronic copy (in pdf format) of all project reports, HSPs, permit documents, data sets, analyses, work plans, and any other specified work products, to the Public Works project manager. The type and number of deliverables may be modified by Public Works on an individual project basis.

It is not expected that Consultant will be able to perform all of the services listed above. However, specialization in a majority of these services utilizing full-time, in-house licensed and/or certified professionals is required to meet Public Works' needs.

## **DELIVERABLES**

Deliverables will vary and will be determined by Public Works for each project.

## **SCHEDULE**

The term of this Agreement shall be for a period of one year commencing on the date of the full execution of the contract. At the sole discretion of the County, this Agreement may be extended for four additional one-year terms, not to exceed a total contract period of five years. No work will proceed until a Notice to Proceed is issued by the County.

If the County authorizes the Consultant in writing to perform services on a given project prior to the stated expiration date, but thereafter such services are not completed by the stated expiration date, then the expiration of the Agreement shall be automatically extended solely to allow for the completion of such services. County may authorize unforeseen additional services and extend the contract expiration date as necessary to complete those services when the unforeseen additional services are directly related to the initial scope of work and are necessary for the completion of a given project.

The consultant will be issued a Notice to Proceed by Public Works prior to the commencement of services for each particular project. The Consultant shall provide a schedule within five working days after the issue date of the project Notice to Proceed, or as directed by Public Works, indicating the start and completion dates of the anticipated work. Public Works may dictate the starting and completion dates for the project assigned to the Consultant.

Work shall be performed on an as-needed basis. Specified services shall be available on an as-needed basis.

## **COMPENSATION**

Compensation will be negotiated for each particular project. Compensation for services shall be based on the percentage of tasks completed. In instances when project requirements extend beyond the original project-specific Scope of Work, any additional work shall be negotiated between Public Works and the Consultant prior to Public Works issuing a supplemental Notice to Proceed.

Public Works reserves the right to delete specific portions of any project-specific Scope of Work after the Notice to Proceed has been issued or to add tasks beyond the additional Scope of Work, which will require negotiation between Public Works and the Consultant for compensation.

Public Works will not pay a mark-up on hourly rates for the services of any subconsultants that were included in Consultant's original proposal. Public Works will not pay a mark-up on hourly rates for the services of any Consultant employee or

subconsultant that were included in Consultant's original proposal if the selected employee or subconsultant is no longer available at the time of selection to provide services during the duration of the Contract.

Consultant must have prior written permission from Public Works to use any subconsultants not included in Consultant's original proposal.

Public Works will not pay a mark-up on the reproduction of any reports, documents, plans, or any other specified work products generated from the services listed in the Scope of Services. Public Works will not pay a mark-up on any paid fees, such as permit fees, paid by the Consultant. Consultant shall not mark-up on material cost unless pre-approved by the County in writing.

The Consultant shall submit monthly invoices to Public Works for review and approval. Invoices shall conform to Public Works' Invoicing Instructions and shall not be submitted more than once per month per project. Each invoice shall provide copies of all supporting documentation, including but not limited to, time sheets, subconsultant invoices (including subconsultant's supporting documentation), permit payments, and purchase orders. Any mark-ups on subconsultant work shall be clearly stated. **Consultant and its subconsultant/subcontractor's mileage charges are not reimbursable, unless pre-approved by the County in writing.**

Along with the monthly invoice, the Consultant shall also submit the following documents on a monthly schedule: 1) an individual Invoice Summary for each project that lists all invoices and itemizes all charges to date; and 2) a combined Invoice Summary for all projects (ongoing and completed) that lists all invoices and itemizes all charges to date.

Consultant shall be paid on an hourly basis according to the job title and hourly rate of each employee performing the work as set forth in the Consultant's Schedule of Fees (ATTACHMENT 3).

**Any related-work requested but not listed in the Schedule of Fees shall be negotiated by the County and the Consultant and may include an additional charge of up to 10%, at the sole discretion of the County only if pre-approved by the County.**



**INDEMNIFICATION AND INSURANCE PROVISION**

**I. INDEMNIFICATION**

The Contractor shall indemnify, defend and hold harmless the County, its Special Districts, elected and appointed officers, employees, agents and volunteers ("County Indemnitees") from and against any and all liability, including but not limited to demands, claims, actions, fees, costs and expenses (including attorney and expert witness fees), arising from and/or relating to this Contract, except for such loss or damage arising from the sole negligence or willful misconduct of the County Indemnitees.

**II. GENERAL PROVISIONS FOR ALL INSURANCE COVERAGE**

Without limiting Contractor's indemnification of County, and in the performance of this Contract and until all of its obligations pursuant to this Contract have been met, Contractor shall provide and maintain at its own expense insurance coverage satisfying the requirements specified in paragraphs II and III of this Attachment. These minimum insurance coverage terms, types and limits (the "Required Insurance") also are in addition to and separate from any other contractual obligation imposed upon Contractor pursuant to this Contract. The County in no way warrants that the Required Insurance is sufficient to protect the Contractor for liabilities which may arise from or relate to this Contract.

**A. Evidence of Coverage and Notice to County**

- Certificate(s) of insurance coverage (Certificate) satisfactory to County, and a copy of an Additional Insured endorsement confirming County and its Agents (defined below) has been given Insured status under the Contractor's General Liability policy, shall be delivered to County at the address shown below and provided prior to commencing services under this Contract.
- Renewal Certificates shall be provided to County not less than 10 days prior to Contractor's policy expiration dates. The County reserves the right to obtain complete, certified copies of any required Contractor and/or Sub-Contractor insurance policies at any time.
- Certificates shall identify all Required Insurance coverage types and limits specified herein, reference this Contract by name or number, and be signed by an authorized representative of the insurer(s). The Insured party named on the Certificate shall match the name of the Contractor identified as the contracting party in this Contract. Certificates shall provide the full name of each insurer providing coverage, its NAIC (National Association of Insurance Commissioners) identification number, its financial rating, the amounts of any policy deductibles or

self-insured retentions exceeding fifty thousand (\$50,000.00) dollars, and list any County required endorsement forms.

- Neither the County's failure to obtain, nor the County's receipt of, or failure to object to a non-complying insurance certificate or endorsement, or any other insurance documentation or information provided by the Contractor, its insurance broker(s) and/or insurer(s), shall be construed as a waiver of any of the Required Insurance provisions.

Certificates and copies of any required endorsements shall be emailed to the Contract Administrator.

Contractor also shall promptly report to County any injury or property damage accident or incident, including any injury to a Contractor employee occurring on County property, and any loss, disappearance, destruction, misuse, or theft of County property, monies or securities entrusted to Contractor. Contractor also shall promptly notify County of any third party claim or suit filed against Contractor or any of its Sub-Contractors which arises from or relates to this Contract, and could result in the filing of a claim or lawsuit against Contractor and/or County.

#### B. Additional Insured Status and Scope of Coverage

The County of Los Angeles, its Special Districts, Elected Officials, Officers, Agents, Employees and Volunteers (collectively County and its Agents) shall be provided additional insured status under Contractor's General Liability policy with respect to liability arising out of Contractor's ongoing and completed operations performed on behalf of the County. County and its Agents additional insured status shall apply with respect to liability and defense of suits arising out of the Contractor's acts or omissions, whether such liability is attributable to the Contractor or to the County. The full policy limits and scope of protection also shall apply to the County and its Agents as an additional insured, even if they exceed the County's minimum Required Insurance specifications herein. Use of an automatic additional insured endorsement form is acceptable providing it satisfies the Required Insurance provisions herein.

#### C. Cancellation of or Changes in Insurance

Contractor shall provide County with, or Contractor's insurance policies shall contain a provision that County shall receive, written notice of cancellation or any change in Required Insurance, including insurer, limits of coverage, term of coverage or policy period. The written notice shall be provided to County at least ten (10) days in advance of cancellation for non-payment of premium and thirty (30) days in advance for any other cancellation or policy change. Failure to provide written notice of cancellation or any change in Required Insurance may constitute a material breach of the Contract, in the sole discretion of the County, upon which the County may suspend or terminate this Contract.

D. Failure to Maintain Insurance

Contractor's failure to maintain or to provide acceptable evidence that it maintains the Required Insurance shall constitute a material breach of the Contract, upon which County immediately may withhold payments due to Contractor, and/or suspend or terminate this Contract. County, at its sole discretion, may obtain damages from Contractor resulting from said breach. Alternatively, the County may purchase the Required Insurance, and without further notice to Contractor, deduct the premium cost from sums due to Contractor or pursue Contractor reimbursement.

E. Insurer Financial Ratings

Coverage shall be placed with insurers acceptable to the County with A.M. Best ratings of not less than A:VII unless otherwise approved by County.

F. Contractor's Insurance Shall Be Primary

Contractor's insurance policies, with respect to any claims related to this Contract, shall be primary with respect to all other sources of coverage available to Contractor. Any County maintained insurance or self-insurance coverage shall be in excess of and not contribute to any Contractor coverage.

G. Waivers of Subrogation

To the fullest extent permitted by law, the Contractor hereby waives its rights and its insurer(s)' rights of recovery against County under all the Required Insurance for any loss arising from or relating to this Contract. The Contractor shall require its insurers to execute any waiver of subrogation endorsements which may be necessary to effect such waiver.

H. Sub-Contractor Insurance Coverage Requirements

Contractor shall include all Sub-Contractors as insureds under Contractor's own policies, or shall provide County with each Sub-Contractor's separate evidence of insurance coverage. Contractor shall be responsible for verifying each Sub-Contractor complies with the Required Insurance provisions herein, and shall require that each Sub-Contractor name the County and Contractor as additional insureds on the Sub-Contractor's General Liability policy. Contractor shall obtain County's prior review and approval of any Sub-Contractor request for modification of the Required Insurance.

I. Deductibles and Self-Insured Retentions (SIRs)

Contractor's policies shall not obligate the County to pay any portion of any Contractor deductible or SIR. The County retains the right to require Contractor to reduce or eliminate policy deductibles and SIRs as respects the County, or to provide a bond guaranteeing Contractor's payment of all deductibles and SIRs, including all related claims investigation, administration and defense expenses. Such bond shall be executed by a corporate surety licensed to transact business in the State of California.

J. Claims Made Coverage

If any part of the Required Insurance is written on a claims made basis, any policy retroactive date shall precede the effective date of this Contract. Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following Contract expiration, termination or cancellation.

K. Application of Excess Liability Coverage

Contractors may use a combination of primary, and excess insurance policies which provide coverage as broad as the underlying primary policies, to satisfy the Required Insurance provisions.

L. Separation of Insureds

All liability policies shall provide cross-liability coverage as would be afforded by the standard ISO (Insurance Services Office, Inc.) separation of insureds provision with no insured versus insured exclusions or limitations.

M. Alternative Risk Financing Programs

The County reserves the right to review, and then approve, Contractor use of self-insurance, risk retention groups, risk purchasing groups, pooling arrangements and captive insurance to satisfy the Required Insurance provisions. The County and its Agents shall be designated as an Additional Covered Party under any approved program.

N. County Review and Approval of Insurance Requirements

The County reserves the right to review and adjust the Required Insurance provisions, conditioned upon County's determination of changes in risk exposures.

III. INSURANCE COVERAGE

A. Commercial General Liability insurance (providing scope of coverage equivalent to ISO policy form CG 00 01), naming County and its Agents as an additional insured, with limits of not less than:

General Aggregate:	\$2 million
Products/Completed Operations Aggregate:	\$1 million
Personal and Advertising Injury:	\$1 million
Each Occurrence:	\$1 million

B. Automobile Liability insurance (providing scope of coverage equivalent to ISO policy form CA 00 01) with limits of not less than \$1 million for bodily injury and property damage, in combined or equivalent split limits, for each single accident. Insurance shall

cover liability arising out of Contractor's use of autos pursuant to this Contract, including owned, leased, hired, and/or non-owned autos, as each may be applicable.

C. Workers Compensation and Employers' Liability insurance or qualified self-insurance satisfying statutory requirements, which includes Employers' Liability coverage with limits of not less than \$1 million per accident. If Contractor will provide leased employees, or, is an employee leasing or temporary staffing firm or a professional employer organization (PEO), coverage also shall include an Alternate Employer Endorsement (providing scope of coverage equivalent to ISO policy form WC 00 03 01 A) naming the County as the Alternate Employer, and the endorsement form shall be modified to provide that County will receive not less than thirty (30) days advance written notice of cancellation of this coverage provision. If applicable to Contractor's operations, coverage also shall be arranged to satisfy the requirements of any federal workers or workmen's compensation law or any federal occupational disease law.

D. Professional Liability/Errors and Omissions

Insurance covering Contractor's liability arising from or related to this Contract, with limits of not less than \$1 million per claim and \$2 million aggregate. Further, Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following this Contract's expiration, termination or cancellation.

E. Asbestos Liability or Contractor's Pollution Liability Insurance

If construction requires remediation of asbestos or pollutants or application or handling of pollutants, such insurance shall cover liability for personal injury and property damage arising from the release, discharge, escape, dispersal, or emission of asbestos or pollutants, whether gradual or sudden, and include coverage for the costs and expenses associated with voluntary clean-up, testing, monitoring, and treatment of asbestos in compliance with governmental mandate or requests. If the asbestos or pollutant will be removed from the construction site, asbestos or pollution liability is also required under the Contractor's of subcontractor's Automobile Liability insurance. Contractor shall maintain limits of not less than \$2 million per Occurrence/7 million Aggregate.

AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,  
AND COMPLIANCE SERVICES  
CONSULTANT SERVICES AGREEMENT  
FEE SCHEDULE

<u>LABOR CLASSIFICATION</u>	<u>HOURLY RATE</u>
Principal / Program Manager	\$185
Professional Geologist (CA registered)	\$170
Professional Civil Engineer (CA registered)	\$170
Certified Industrial Hygienist (CIH)	\$170
Certified Lead Inspector/Assessor (CA Certified)	\$130
Certified Lead Project Monitor (CA Certified)	\$100
Certified Lead Sampling Technician (CA Certified)	\$100
Certified Asbestos Consultant (CA Certified)	\$130
Certified Site Surveillance Technician (CA Certified)	\$100
Toxicologist (ABT-Certified) Risk Assessor	\$200
Project Manager	\$170
Sr. Engineer/Geologist/Scientist	\$150
Project Engineer/Geologist/Scientist	\$130
Staff Engineer/Geologist/Scientist	\$105
Engineering Technician	\$90
CADD Draftsperson	\$85
Technical Editor	\$85
Office Administrator	\$75
Procurement Manager	\$95

**ACCORD ENGINEERING FIELD EQUIPMENT RATE SCHEDULE**

Equipment Descriptions	Usage Rates		
	Daily	Weekly	Monthly
Photoionization VOC detector (PID)*	\$75.00	\$300.00	\$900.00
Four Gas PID (PID with O <sub>2</sub> , CO, H <sub>2</sub> S, LEL)*	\$90.00	\$360.00	\$1080.00
Groundwater multi-parameter meter (w flow cell)	\$100.00	\$400.00	\$1,200.00
Water level meter	\$25.00	\$100.00	\$300.00
Turbidity meter	\$25.00	\$100.00	\$300.00
Oil and Water Interface probe	\$45.00	\$180.00	\$540.00
Personal DataRAM aerosol monitor	\$75.00	\$300.00	\$900.00
Measuring wheel	\$5.00	\$20.00	\$60.00
Digital camera (5Mb or better)	\$5.00	\$20.00	\$60.00
Hand auger/ram rod assembly	\$45.00	\$180.00	\$540.00
DC/AC Power Generator (Gas Powered)	\$45.00	\$180.00	\$540.00
Pressure gage (magnahelic, psi)	\$10.00	\$40.00	\$120.00
Bladder pump with control box (exclude bladder)	\$60.00	\$240.00	\$720.00
Compressor for bladder pump	\$100.00	\$400.00	\$1,600.00
Drum dolly	\$5.00	\$20.00	\$60.00
GPS (3-meter accuracy)	\$10.00	\$40.00	\$120.00
ANSI-compliant Eye Wash Station	\$8.00	\$32.00	\$96.00
Field sampling station (EZ-upTent+Table+chair)	\$15.00	\$60.00	\$180.00
Equipment Truck / SUV **	\$125.00	----	----

\* calibration gas not included

\*\* limited to driving within 50 miles (fuel included).

1. The following subconsultants, subcontractors, and laboratories are our project team members, as outlined in our original proposal dated January 12, 2016, including (in alphabetical order):
  - American Environmental Testing Laboratory Inc.
  - APEX Envirotech, Inc.
  - Astech Environmental Services, Inc.
  - BC Laboratories, Inc.
  - Belshire Environmental Services, Inc.
  - Cascade Drilling (aka Vironix prior to their merger with Cascade)
  - Dulin and Boynton Licensed Surveyors, Inc.
  - EMAX Laboratories, Inc.
  - Enviro-Tox Services, Inc.
  - Goldak, Inc.
  - Gregg Drilling & Testing, Inc.
  - H&P Mobile Geochemistry Inc.
  - Patriot Environmental Laboratory Services, Inc.
  - Rincon Consultants, Inc.
  - Regal Pacific Contracting & Compliance
  - Wallace Laboratories
2. Each of the above companies fee schedule is attached as follows. County will not pay a mark-up on hourly rates for the services of any subconsultants that were included in your original proposal dated January 12, 2016.
3. County will not pay a mark-up on hourly rates for the services of any Consultant employee or subconsultant that were included in your original proposal if the selected employee or subconsultant is no longer available at the time of selection to provide services during the duration of the Contract.
4. Consultant must have prior written permission from the County to use any subconsultants not included in Consultant's original proposal. Any related-work requested but not listed in the Fee Schedule shall be negotiated by the County and the Consultant and may include an additional charge of up to 10%, at the sole discretion of the County and only if pre-approved by the County.
5. County will not pay a mark-up on the reproduction of any reports, documents, plans, or any other specified work products generated from the services listed in the RFP. County will not pay a mark-up on any paid fees, such as permit fees, paid by the Consultant. Consultant shall not mark-up on material cost unless pre-approved by the County in writing.



6. Consultant and its subconsultant/subcontractor's mileage charges are not reimbursable unless pre-approved by County in writing.
7. Expenses for any special requests shall be pre-authorized and approved at the discretion of the designated County project manager and contract administrator.

# Teaming Subcontractor Fee Schedule



## American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181  
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • [www.aetlab.com](http://www.aetlab.com)

**August 22, 2016**

**General Pricing for:**

**Accord Engineering**

**2923 Pullman Street, Santa Ana, CA 92705**

**Tel. 714-241-7200, Fax. 949-251-0563**

**Project: Los Angeles County Dept. of Public Works**

ANALYTE	METHOD OF ANALYSIS	UNIT PRICE \$
VOCs	8260B	55.00
VOCs plus Oxygenates	8260B	65.00
BTEX + Oxygenated Compounds	8260B	55.00
Terra Core (Pre-core) (per pack for each sample)	5035A	15.00
TPH as Gasoline (C <sub>4</sub> – C <sub>12</sub> )*	M8015G	30.00
TPH as Diesel Extended (C <sub>13</sub> – C <sub>40</sub> )**	M8015D	35.00
PAH	8310	100.00
PAHs	M8270C-SIM	150.00
SVOCs	8270C	125.00
Purgeable Aromatics	8021	35.00
BTEX & MTBE	8021	40.00
Pesticides	8081B	65.00
PCBs	8082	55.00
Pesticides/ PCBs	8081B/8082	110.00
Organophosphorus Pesticides	8141	110.00
Chlorinated Herbicides	8151	110.00
Methane, Ethane, & Ethene	RSK-175	100.00
Perchlorate	314.0	75.00
TRPH	M1664	40.00
Organic Lead	HMU-900	45.00
13 PP Metals	6010B /7000	85.00
8 RCRA Metals	6010B /7000	70.00
Title 22 Metals	6010B/7000s	85.00
Title 22 Metals (Low Level)	6020/7000	145.00
Single Metal ICP (Analysis Only)	6010B	10.00
Single Metal ICP/MS (Analysis Only)	6020	17.00
Mercury	7471A/7470A/245.1	30.00
Metals Preparation	3000/200.2	5.00



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**Accord Engineering**

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**Tel. 714-241-7200, Fax. 949-251-0563**

**Project: Los Angeles County Dept. of Public Works**

ANALYTE	METHOD OF ANALYSIS	UNIT PRICE \$
STLC Extraction	Title 22	40.00
TCLP Extraction	1311	40.00
SPLP Extraction	1312	40.00
Zero Headspace Extraction (STLC, TCLP, SPLP)	Title 22/1311/1312	50.00
Cr (VI)	7199	75.00
Cr (VI)	7196	25.00
Ignitability	1010	45.00
Anions***	300.0 / (9056)	90.00
Cations****	200.7	53.00
Specific Conductance	120.1	10.00
Hardness	130.2	10.00
pH Water	150.1	5.00
pH Soil	9045	7.00
TDS (Total Dissolved Solids)	160.1	12.50
TSS (Total Suspended Solids)	160.2	12.50
SS (Settleable Solids)	160.5	12.50
Turbidity	180.1	10.00
Title 22 Metals	200.7/245.2	90.00
Ortho-phosphate	300.0/365.2	20.00
Phosphate	300.0 / (9056)	20.00
Chloride	300.0 / (9056)	12.50
Chlorine (Residual)	330.4	14.00
Nitrate – N	300.0 / (9056)	12.50
Nitrite – N	300.0 / (9056)	12.50
Sulfate	300.0 / (9056)	12.50
Acidity	305.1	12.50
Alkalinity	310.1	12.50
Cyanide ( Amenable to Chlorination)	335.1	40.00
Cyanide ( Total)	335.2	30.00
DO	360.2	15.00
Sulfide	376.2	12.50
BOD (5-Day)	405.1	40.00
COD	410.4	20.00



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**August 22, 2016**

**General Pricing for:**

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**2923 Pullman Street, Santa Ana, CA 92705**

**Tel. 714-241-7200, Fax. 949-251-0563**

**Project: Los Angeles County Dept. of Public Works**

ANALYTE	METHOD OF ANALYSIS	UNIT PRICE \$
TOC	415.1/9060	50.00/80.00
Surfactants (by MBAS)	425.1	33.00
Oil & Grease (Gravimetric)	1664	35.00
Reactive Cyanide and Sulfide	9010/9030	66.00
General Minerals	Various	165.00
Ferrous Iron	SM-3500	30.00
CO2	SM-4500	50.00
EDD (Geotracker)	N/A	50.00 per Job

\* One lump sum value as TPH as Gasoline

\*\* Broken down to C<sub>13</sub>-C<sub>22</sub> (TPH as Diesel)

C<sub>23</sub>-C<sub>40</sub> (TPH as Heavy Hydrocarbon)

C<sub>13</sub>-C<sub>40</sub> (Total TPH as Diesel and Heavy Hydrocarbon)

\*\*\* Nitrate as N, Nitrite as N, Sulfate, Chloride, Phosphate, Bromide, & Fluoride.

\*\*\*\* Ca, Mg, K, Na

### **NOTES:**

Prices detailed in this Quotation will remain valid for the Duration of the Contract.

STANDARD TURN AROUND TIME (TAT) IS FIVE WORKING DAYS.

THERE IS A 50% SURCHARGE FOR THE COST OF ANALYSIS FOR NEXT-DAY TAT.

THERE IS A 25% SURCHARGE FOR THE COST OF ANALYSIS FOR 2 DAYS TAT.

THERE IS A 20% SURCHARGE FOR THE COST OF ANALYSIS FOR 3 DAYS TAT.

THERE IS A 10% SURCHARGE FOR THE COST OF ANALYSIS FOR 4 DAYS TAT.

**PRICES INCLUDE QA/QC DATA, LABELS, CHAIN OF CUSTODY FORMS, COOLER, BLUE ICE, AND COMPLIMENTARY SAMPLE PICKUP.**

*C. Razmara*

Cyrus Razmara, Ph.D.

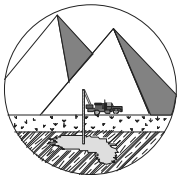
CEO & Laboratory Director



11244 Pyrites Way  
Gold River, CA 95670  
[www.apexenvirotech.com](http://www.apexenvirotech.com)

AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,  
AND COMPLIANCE SERVICES  
CONSULTANT SERVICES AGREEMENT  
FEE SCHEDULE

<u>LABOR CLASSIFICATION</u>	<u>HOURLY RATE</u>
Clerical Staff	\$ 55.00



# ASTECH

## ENVIRONMENTAL SERVICES, INC.

### 2016 RATE SHEET & FEE SCHEDULE

EQUIPMENT		Mob/Demob	Drill Rate	Prev Wage	Sat /Sun	Night Time	Overtime
HOLLOW-STEM							
Truck Mounted CME HT 75		\$180.00	195.00	\$260 O/T \$305	\$292.50 / hr	\$292.50 / hr	\$292.50 / hr
Truck Mounted CME HT 95		\$260.00	\$285 / hr	\$335 O/T \$415	\$325 / hr	\$325 / hr	\$325 / hr
Limited Access Rig Track Mounted (CME HT 75)		\$230 / hr	\$235/ hr	\$275 O/T \$355	\$265 / hr	\$265/ hr	\$265 / hr
DIRECT PUSH							
Direct Push Truck Mounted		\$1300 / 4 hr day	\$1700 / 8 hr day	\$2000 / day	\$1800 / day	\$2000 / day	+\$255 / hr
Direct Push GeoProbe Dolly Limited Access		\$1300 / 4 hr day	\$1700 / 8 hr day	\$2000 / day	\$1800 / day	\$2000 / day	+\$255 / hr
Direct Push GeoProbe 6625 Track Mounted		\$1700 / 4 hr day	\$2500 / 8 hr day	\$2500 / day	\$2500 / day	\$2800 / day	+\$300 / hr
* 4 hr min. + travel applies (CME 75) * * 6 hr min. + travel applies (LAR)* *Overtime applied after 9 hours*							
MISC.		MATERIALS		WELL MATERIALS			
Support Vehicles	\$250 - \$300	Asphalt	\$15.00		2 inch	4 inch	
Decon Trailer	\$300.00	Bentonite Chips	\$20.00	Casing Sch 40	\$4.00	\$8.00	per foot
Decon Auger	\$300.00	Bentonite Gel	\$18.00	Slotted .020	\$6.50	\$12.50	per foot
Water Truck	\$150 / hr	Crumbles	\$20.00	Female Bottom	\$15.00	\$20.00	per foot
Coring	\$10.00 / inch	MX-80	\$20.00	PVC Slip Cap	\$3.00	\$12.00	per foot
Forklift/Skidsteer	TBD	Portland Cement	\$15.00	Locking Cap	\$20.00	\$25.00	per foot
Hopper	\$100 / day	Rapid Set	\$20.00	HQ Core Boxes	\$25.00	3 inch perf pipe	
Grout Mixer	\$160.00	Sand # 3	\$17.00	Hydrogel	\$15.00	\$2.50 per foot	
Generator	\$50.00	Sand # 2/12	\$15.00	Well Box Includes Rapidset	7 inch	8 inch	10 inch
Per Diem	\$300 / day	Grout	\$20.00		\$100.00	\$150.00	\$200.00
Wet Vac	\$50.00	Super Gel-X	\$20.00	SAMPLING			
Bit Repair	\$75 - \$300	Gravel	\$10.00	SS Sleeves 2" x 3" ( includes caps and teflon)			\$4.50
Third Man	\$350	Drums - 55 gal	\$55.00	SS Sleeves 2" x 6" (includes caps and teflon)			\$8.50
Traffic Control	TBD	Drums - 16 gal	\$85.00	Cal Mod Rings (Includes 6 rings, Can and Caps)			\$19.00

# INTRODUCING BCLabNet

**BCLabNet is the ultimate communication tool that allows you to get inside our laboratory.**

With **BCLabNet** you can manage a project from start to finish. You can monitor when your samples are logged into our system and check your results as the analyses are completed. Finally you can download these results into a spreadsheet and/or use the historical trending feature. All this and more can be done from anywhere you have internet access, anytime day or night! And best of all this service is free!

## FEATURE LIST

- Check sample status anytime
- Access your analytical results
- Monitor trends in your samples
- Review projects since 1992
- Import preliminary results into a spreadsheet
- Access to your format of EDD's to download

## GETTING STARTED

Visit our web site at [www.bclabs.com/bclabnet.htm](http://www.bclabs.com/bclabnet.htm), or contact your Client Services Representative to initiate the start up process.

Join the growing number of organizations already reaping the benefits of fast access to results, effective project coordination and increased communication.



# ADDITIONAL SERVICES

The additional services on this page are charged at \$75.00/hr with a 1/2 hour minimum unless specified.

## FIELD SERVICE RATES

- Field Technician ..... \$75/hour
- 

*Special equipment and/or supplies used to do field testing will be billed at cost*

## PROJECT INITIATION

- Consulting
- Sampling Plan review for compliance
- Field Service standby at site
- Customized Bottle Labels (Initial Setup)
- Same day bottle order delivery (plus mileage)
- Overnight Bottle Orders (Shipping +20%)
- Same day courier service (plus mileage)
- Custom COC (Initial Setup)
- Instruments put “on call” .....Call for quote
- Providing DI Water for EB’s ..... Call for quote

## GAS CHROMATOGRAPHIC TESTS

1. Adding TIC’S
2. Adding Additional GC Analytes

## REPORT GENERATION

- EDF Generation (20% of Project cost)
- EDD Initial Setup
- Tabulating Result Summaries
- Annual Drinking Water Report
- Customized QC ..... Call for quote
- Client Specific QC ..... Call for quote
- Multiple Reports Mailed (except State and County)  
.....\$1/ea up to 5 then \$2/ea
- Multiple faxes .....\$1/ea up to 5 then \$2/ea

## LOG-IN AND SPECIAL PREP

- Securing Outside Services
- Special Compositing
- Special Prep Procedures
- Special Clean-up Procedures
- STLC, DI-STLC, or TCLP set up to meet rush TAT

## ANALYTICAL SERVICES

- Analyzing Bacteriological samples with extra dilution
- Rechecking results

## INVOICING

- Special Invoicing

## POST PROJECT EXTRAS

- Providing Chromatograms after data package is completed
- Retrieving archived data (> 1 year old)
- Storing samples after 30 days  
\$1/sample per month

## OTHER

- Seminars ..... Call for quote

# UNDERGROUND FUEL TANK ANALYSIS

METHOD	GASOLINE RESIDUE	(\$ ) PRICE	
		AQUEOUS	NON-AQUEOUS
EPA 5030B/8020A/8021B	BTEX and MTBE Only	30.00	30.00
TVPH EPA 8015M/LUFT	Total Volatile Petroleum Hydrocarbons(C5-C14)	30.00	30.00
EPA 5035	Soil Sample Preparation (Volatiles)**		30.00
TPPH	Total Purgeable Petroleum Hydrocarbons by GC/MS	30.00	30.00
BTEX & TVPH	Combination	30.00	30.00
	Travel Blank Analysis	30.00	30.00
TPPH + BTEX +Oxygenates	TPH by GC/MS + BTEX + Oxygenates	40.00	40.00
	<b>DIESEL RESIDUE</b>		
TEPH EPA 8015M/LUFT	Total Extractable Petroleum Hydrocarbons (C <sub>12</sub> - C <sub>24</sub> )*	40.00	40.00
	Travel Blank Analysis	40.00	40.00
TEPH LUFT GC/MS	Total Extractable Petroleum Hydrocarbons (C <sub>12</sub> - C <sub>24</sub> ) by GC/MS	45.00	45.00
	<b>FUEL FINGERPRINTING</b>		
EPA 8015M(GC-FID)	Gas, Diesel, Kerosene, Waste Oil, Naphtha	40.00	40.00
EPA 8015M(GC-FID)	Carbon Chain Determination (C8-C40)*	40.00	40.00
EPA 8015M(GC-FID)	Both: Gas, Diesel, Kerosene, Waste Oil, Naphtha	40.00	40.00
	Carbon Chain Determination (C8-C40)*		
LUFT GC/MS	Diesel, Carbon Chain Det. C10-C40-* by GC/MS	50.00	50.00
	<b>OTHER TESTS</b>		
EPA 1010	Flashpoint (PMCC)	30.00	30.00
Title 22 CCR 66261	Organic Lead	Quote	Quote
EPA 3050A/6010B	Total Lead	7.00	7.00
EPA-1664-HEM(O&G)	Hexane Extractable Material	40.00	40.00
EPA-1664-SGT(O&G)	Silica Gel treated HEM	40.00	40.00

\* Carbon Chain Determinations may be reported in client specified ranges.

\*\* Sample preparation by EPA 5035 may be required on certain projects. Your Client Services Representative must be notified prior to sampling in such cases in order to provide the appropriate sample containers.

**HEM** - Hexane Extractable Material.

**SGTHEM** - Silica Gel Treated Hexane Extractable Material.

**O & G** – Oil and Grease

**TPPH** – Total Purgeable Petroleum Hydrocarbons

# ORGANICS CHROMATOGRAPHY

METHOD	GAS CHROMATOGRAPHY	(\$ PRICE	
		AQUEOUS	NON-AQUEOUS
EPA 615, 8150B, 8151A	Chlorinated Herbicides	55.00	55.00
EPA 608, 8080A, 8081A	Organo-Chlorine Pesticides & PCB's	50.00	50.00
EPA 614, 8140, 8141A	Organo-Phosphorous Pesticides	55.00	55.00
EPA 8080A, 8082	PCB's Only	40.00	40.00
EPA 8080A , 8082	PCB's Only (Transformer Oil Only)		45.00
8015B	Ethanol & Methanol	45.00	45.00
	<b>PURGEABLE VOC'S</b>		
EPA 601	Volatile Halogenated Organics by GC/MS	40.00	
EPA 602	Volatile Aromatics by GC/MS	40.00	
EPA 601/602	Both by GC/MS	50.00	
EPA 601/602	Travel Blank Analysis by GC/MS	50.00	
	<b>HIGH PERFORMANCE LIQUID CHROMATOGRAPHY</b>	<b>AQUEOUS</b>	<b>NON-AQUEOUS</b>
EPA 632	Carbamate and Urea Pesticides	110.00	110.00
EPA 8310/610*	Polynuclear Aromatic Hydrocarbons	110.00	125.00
EPA 8330	Explosives	175.00	
	<b>GAS CHROMATOGRAPHY MASS SPECTROMETRY</b>	<b>AQUEOUS</b>	<b>NON-AQUEOUS</b>
EPA 624, 8240B, 8260B	Volatile Halogenated & Aromatics	50.00	50.00
EPA 624, 8240B, 8260B	(plus 10 most abundant compounds, TIC's)	50.00	50.00
EPA 624, 8240B, 8260B	Travel Blank Analysis	50.00	
EPA 5035	Soil Sample preparation (Volatiles) **		5.00
EPA 625, 8270C	Base Neutral/Acid Extractables	90.00	90.00
EPA 625, 8270C	(plus 10 most abundant compounds, TIC's)	95.00	95.00
EPA 8270 (SIM)	PNA's, NDMA, low level	80.00	80.00
EPA 8270M	1,4-Dioxane,	90.00	90.00
EPA 8270 (SIM)	Kepone, low level	80.00	80.00

\* Price includes cleanup that may be required. (EPA 3630C)

\*\* Sample preparation by EPA 5035 maybe required on certain projects. Your Client Services Representative must be notified prior to sampling in such cases.

# BACTERIOLOGY

Bacteriological testing requires the use of a pre-treated, sterilized sample container and sanitary sampling practices.

Please consult client services to arrange for field sampling and/or sampling containers.

DESCRIPTION	CHROMOGENIC SUBSTRATE (COLILERT)	(\$ ) PRICE
Coliform Total + E. Coli (P/A)	SM 9223B	10.00
Coliform Total + E. Coli (10 Tubes)	SM 9223B	10.00
	<b>MULTIPLE TUBES FERMENTATION</b>	
Coliform Total (3 Dilutions of 5 Tubes)	Total SM 9221B	18.00
Total + Fecal Coliform (10 Tubes)	Fecal SM 9221E	18.00
Total + Fecal Coliform (3 Dilutions of 5 Tubes)	Fecal SM 9221E	18.00
	<b>PLATE COUNT</b>	
Heterotrophic Plate Count Aerobic	SM 9215B	18.00
	<b>EPA 503</b>	
Fecal Coliform (multiple dilutions, solids)	SM 9221E	35.00
% Solids		10.00

# DRINKING WATER INORGANICS

General Mineral	(\$ ) PRICE
Calcium, Magnesium, Sodium, Potassium, Carbonate, Bicarbonate, Hydroxide, Chloride, Sulfate, Nitrate, Nitrite, MBAS, TDS, pH, Copper, Iron, Manganese, Zinc, Conductivity, Hardness, Fluoride.	150.00
<b>Inorganic Chemical</b>	
Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Aluminum, Antimony, Beryllium, Nickel, Thallium.	180.00
<b>Physical Analysis</b>	
(Color, Odor, Turbidity)	30.00

# DRINKING WATER (ORGANICS)

(Title 22 plus Phase II & V)

The drinking water program is administered by the State of California. Please consult the State to determine the nature of the testing and frequency required for your system size. Please contact BC Laboratories Client Service Department to ask for advice on proper bottles and preservation required for your analytical testing needs.

METHOD	VOLATILE ORGANIC CHEMICALS (VOC's)	(\$ ) PRICE
EPA 524.2	Benzene, Carbon Tetrachloride, 1, 2-Dichlorobenzene, 1, 4-Dichlorobenzene, 1, 1-Dichloroethane, 1, 1-Dichloroethylene, cis-1, 2-Dichloroethylene, trans-1, 2-Dichloroethylene, Dichloromethane, 1, 2-Dichloropropane, 1, 3-Dichloropropene, Ethylbenzene, Monochlorobenzene, Styrene, 1, 1, 2, 2-Tetrachloroethane, Tetrachloroethylene, Toluene, 1, 2, 4-Trichlorobenzene, 1, 1, 1-Trichloroethane, Trichloroethylene, Vinyl Chloride, Xylenes, MTBE. N-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, 2-Chlorotoluene, 4-Chlorotoluene, 1,3-Dichlorobenzene, Dichlorodifluoromethane, 1,2-Dichloroethane, Isopropylbenzene, Naphthalene, N-Propylbenzene, 1,1,2- Trichloroethane, Trichlorofluoromethane, 1,2,4-Trimethylbenzene, 1,3,5- Trimethylbenzene, Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane, Trihalomethanes, TAME, ETBE, Trichlorotrifluoroethane, TBA, Carbon Disulfide, MIBK. (Additional Compounds, Unregulated Compounds upon request)	50.00
DHS	1, 2, 3-Trichloropropane, low level, (Additional Compounds, Unregulated Compounds upon request)	50.00
EPA 524.2	*Travel Blank Analysis	50.00
	SYNTHETIC ORGANIC CHEMICALS (SOC's)	(\$ ) PRICE
EPA 504.1	EDB, DBCP	40.00
EPA 507 by 525.2	Alachlor, Atrazine, Molinate, Simazine, Thiobencarb, Butachlor, Bromocil, Prometryn, Diazinon, Dimethoate, Metolachlor, Metribuzin, Propachlor, Atraton, Prometon, Secbumeton, Terbutryn.	90.00
EPA 508	Endrin, Lindane, Methoxychlor, Toxaphene, Chlorothalonil, Chlordane, Heptachlor, Heptachlor Epoxide, Aldrin, Dieldrin, Hexachlorobenzene, Hexachlorocyclopentadiene, PCB's, others by request.	80.00
EPA 515.1	2,4-D, Dinoseb, 2,4,5-TP(Silvex), Bentazon, 2,4,5-T, Dicamba, Dalapon, Picloram, Pentachlorophenol	80.00
EPA 525.2	(Di-2-Ethylhexyl) Phthalate, (Di-2-Ethylhexyl) Adipate, Benzo(a) Pyrene, Hexachlorobenzene, Hexachlorocyclopentadiene, Naphthalene, Chlordane Endrin, Heptachlor, Heptachlor Epoxide, Lindane, Methoxychlor, Pentachlorophenol, Toxaphene, others by request.	90.00
EPA 525.2	*Travel Blank Analysis	90.00
EPA 632	Diuron	90.00
EPA 552.3	HAA 5 Haloacetic Acids	90.00
EPA 556.1	Formaldehyde	110.00
EPA 548.1	Endothall	110.00
EPA 549.2	Diquat	110.00

**\*Note:** As a quality control step, a travel blank should be submitted for each set of samples. If the travel blank is analyzed it will be billed as above.

# METALS (PREPARATION)

The methods listed below are preparatory steps to instrumental analysis (See Metals-Instrumental Analysis). Normally a preparation method is necessary to solubilize the element of interest prior to analyzing by AA, ICP, GFAA, or ICP/MS.

WATER PREPARATION			
METHOD	DESCRIPTION	TEST	(\$) PRICE
EPA 3010A	HNO <sub>3</sub> /HCl Digestion (ICP, FAA)	Total Metals	No Charges
EPA 3020A	HNO <sub>3</sub> Digestion (GFAA)	Total Metals	No Charges
EPA 600/4-79-020	HNO <sub>3</sub> /HCl Weak Acid Digestion	Total Recoverable Metals	No Charges
EPA 3005A	HNO <sub>3</sub> /HCl Weak Acid Digestion	Total Recoverable Metals	No Charges
EPA 200.2	HNO <sub>3</sub> /HCl Weak Acid Digestion	Total Recoverable Metals	No Charges
EPA 600/4-79-020	Filtration through a 0.45 µm filter	Dissolved Metals	5.00
HAZARDOUS SUBSTANCE, SOIL, OIL, SLUDGE PREPARATION State of California - Title 22, Division 4, Chapter 11, Section 66261			
EPA 3050 A	HNO <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> /HCl Digestion	TTLC (Total Threshold Limit Concentration)	5.00
Title 22 CCR	48 hour Citric Acid Extraction	STLC (Soluble Threshold Limit Concentration)	30.00
Title 22 CCR	48 hour Citric Acid Extraction	STLC Modified	30.00
R.C.R.A. PREPARATION Federal (40 CFR, Part 260)			
EPA 1311	18 hour Acetic Acid Extraction	TCLP (Toxicity Characteristic Leaching Procedure)	30.00

# METALS ANALYSIS

**Solid matrices and most water samples require preparatory steps prior to instrumental analysis.  
For those prices, please see Metals (Preparation).**

INDUCTIVELY COUPLED PLASMA (ICP)		
METHOD	PER ELEMENT	(\$) PRICE
EPA 200.7, EPA 6010B	Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silica, Silver, Sodium, Strontium, Titanium, Thallium, Vanadium, Zinc.	7.00
	Practical Quantitation Limits (PQLs) range from 5 ug/l to 100 ug/l.	
COLD VAPOR ATOMIC ABSORPTION (CVAA)		
EPA 7470A, 7471A, 245.1	Mercury	14.00
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETRY (ICP/MS)		
EPA 200.8	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc, Tin, Lithium	7.00
EPA 6020A	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Molybdenum, Nickel, Selenium Silver, Thallium, Vanadium, Zinc, Tin, Lithium, Calcium, Magnesium, Iron, Sodium, Potassium, Aluminum	7.00
GRAPHITE FURNACE ATOMIC ABSORPTION(GFAA)		
200.9	Antimony	N/A
200.9	Arsenic	N/A
200.9	Beryllium	N/A
200.9	Cadmium	N/A
200.9	Chromium	N/A
200.9	Copper	N/A
200.9	Lead	N/A
200.9	Nickel	N/A
200.9	Selenium	N/A
200.9	Silver	N/A
200.9	Thallium	N/A



# GENERAL CHEMISTRY

MISCELLANEOUS TESTS				
INDIVIDUAL TESTS	AQUEOUS		NON-AQUEOUS	
	METHOD	\$ PRICE	METHOD	\$ PRICE
Alkalinity (Total as CaCO <sub>3</sub> )	EPA 310.1/SM 2320 B	10.00		
<i>Bicarbonate</i>	EPA 310.1/SM 2320 B	5.00		
<i>Carbonate</i>	EPA 310.1/SM 2320 B	5.00		
<i>Hydroxide</i>	EPA 310.1/SM 2320 B	5.00		
Bromide (Ion Chromatography)	EPA 300.0	8.00	WE/EPA 300.0	20.00
Carbon (Total)				QUOTE
Non-Volatile Organics	EPA 415.1/SM5310 C	20.00		QUOTE
Dissolved Organic Carbon	SM 5310C	20.00		
Chloride (Ion Chromatography)	EPA 300.0	8.00	WE/EPA 300.0	20.00
Chlorine Residual	SM 4500-CL F EPA 330.4	15.00		
Chromium				
Trivalent	(Total minus Hexavalent)	27.00	Modified STLC EPA 7196A	50.00
Hexavalent	EPA 7196A, SM3500CrD	20.00	Modified STLC EPA 7196A	35.00
Hexavalent	EPA 7199, 218.6	20.00	EPA 7199	35.00
Color	EPA 110.2/ SM 2120 B	7.00		
Conductivity	EPA 120.1, EPA 9050A, SM 2510B	7.00	WE/EPA 120.1, EPA 9050A	40.00
Cyanide				
<i>Amenable to Chlorination</i>	EPA 9012A, EPA 335.1	22.00		
<i>Total</i>	EPA 335.2, EPA 335.3, 335.4, 9012A	22.00	EPA 9012A	30.00
<i>Weak Acid Dissociable</i>	ASTM 2036C/SM 4500-CN I	40.00		
<i>Reactive</i>	SW 846 Sect.7.3.3.2	40.00	SW 846 Sect.7.3.3.2	40.00
Flashpoint (PMCC)	EPA 1010	30.00	EPA 1010	30.00
Fluoride				
<i>Ion Chromatograph</i>	EPA 300.0	8.00		
Hardness	Calculation (SM2340B)	14.00		
Langlier Index	Calculation	12.00		
MBAS (Foaming Agents)	EPA 425.1, SM 5540 C	28.00		
Nitrogen Forms				
<i>Ammonia</i>	**EPA 350.1, SM 4500-NH3H	30.00	WE/EPA 350.1	35.00
<i>Nitrate/Nitrite (Cadmium Reduction)</i>	EPA 353.2, SM 4500-NO <sub>3</sub> F	10.00		
<i>Nitrate (Ion Chromatography)</i>	EPA 300.0	8.00	WE/EPA 300.0	35.00
<i>Kjeldahl</i>	EPA 351.2	30.00	EPA 351.2	35.00
<i>Organic</i>	EPA 351.2, EPA 350.1	40.00		
<i>Nitrite (Colorimetric)</i>	EPA 353.2	8.00	WE/EPA 353.2	25.00
<i>Total (Kjeldahl plus Nitrate)</i>	EPA 351.2, EPA 353.2, 300.0	30.00	EPA 351.2	QUOTE
Moisture / % Solids				10.00

\*\* Distillation required for NPDES samples.

We - Deionized Water Extraction



# GENERAL CHEMISTRY

MISCELLANEOUS TESTS				
	AQUEOUS		NON-AQUEOUS	
INDIVIDUAL TESTS	METHOD	\$ PRICE	METHOD	\$ PRICE
Odor	EPA 140.1, SM 2150 B	7.00		
Oxygen Demand				
Biochemical (BOD, CBOD)	SM 5210 B, EPA 405.1	30.00		
Chemical (COD)	EPA 410.4, SM 5220D, EPA 410.2	25.00		
Oxygen (Dissolved)	EPA 360.1, SM 4500-O G	12.00		
Perchlorate	EPA 314.0	40.00	WE/EPA 314.0M	50.00
pH (Aqueous or 1:1)	EPA 9040b, EPA 150.1, AM 4500-H + B	7.00	EPA 9040B, EPA 9045C	7.00
Phenols (automated)	EPA 420.2	30.00		
Phosphorous				
<i>Ortho-Phosphate</i>	EPA 365.1/Sm 4500-PF	14.00		
<i>Total Phosphorous</i>	EPA 365.4	14.00	EPA 365.4	25.00
Resistivity - (calc.)	EPA 120.1, EPA 9050A	14.00		
Salinity				
<i>Chloride as NaCl</i>	EPA 300.0	8.00		
<i>Conductivity as NaCl</i>	EPA 120.1	7.00		
Solids				
<i>Filterable (TDS)</i>	EPA 160.1, SM 2540 C	10.00		
<i>Non-Filterable (TSS)</i>	EPA 160.2, SM 2540 D	10.00		
<i>Settleable</i>	EPA 160.5, SM 2540 F	10.00		
<i>Total</i>	EPA 160.3, SM 2540 B	10.00		
<i>Volatile (VSS) (VDS) (VS)</i>	EPA 160.4, SM 2540 G	12.00		
Special Gravity	ASTM D-1429	12.00		
Sulfate (ron Chromatography)	EPA 300.0	8.00	WE / EPA 300.0	25.00
Sulfide				
<i>Reactive Sulfide</i>	SW 846, Sec. 7.3.4.2	30.00	SW 846, Sec. 7.3.4.2	30.00
<i>Total Sulfide</i>	EPA 376.1, EPA 376.2, SM 4500-S D	18.00		
<i>Dissolved Sulfide</i>	EPA 376.1, EPA 376.2, SM 4500-S E	18.00		
Hydrogen Sulfide	EPA 150.1, EPA 376.1, EPA 376.2	30.00		
Turbidity	EPA 180.1, SM 2130	7.00		

## WE-Deionized Water Extraction

## WATER (GROUP TESTS)

**The group tests listed below can be performed on irrigation water, wastewater, groundwater, surface water or brines. Please consult lab for proper bottles and preservation techniques. No substitutions, please. Additional tests may be added.**

<b>MINERAL ANALYSIS - NON-DRINKING</b>	<b>(\$ PRICE)</b>	<b>IRRIGATION ANALYSIS</b>	<b>(\$ PRICE)</b>
Cations - Calcium, Magnesium Sodium, Potassium	85.00	Cations - Calcium, Magnesium Sodium, Potassium	90.00
Anions - Alkalinity (carbonate, Bicarbonate, hydroxide), Sulfate, Chloride, Nitrate		Anions - Alkalinity (carbonate, bicarbonate, hydroxide), Sulfate, Chloride, Nitrate	
Misc. - Conductivity, pH, Hardness Total Dissolved Solids		Misc. - Conductivity, Hardness, pH Total Dissolved Solids (Summation)	
		Boron, SAR, ESP, Adj. SAR, pHc Gypsum Requirement	
<b>DIVISION OF OIL &amp; GAS-PRODUCED WATER</b>	<b>(\$ PRICE)</b>	<b>GEOCHEMICAL</b>	<b>(\$ PRICE)</b>
Cations - Calcium, Magnesium Sodium, Potassium	175.00	Cations - Calcium, Magnesium Sodium, Potassium	180.00
Anions - Alkalinity (carbonate, Bicarbonate, hydroxide), Sulfate, Chloride, Nitrate		Anions - Alkalinity (carbonate, Bicarbonate, hydroxide), Chloride, Sulfate	
Misc. - Conductivity, Hardness pH, Total Dissolved Solids, Boron, Iron, Hydrogen Sulfide, Specific Gravity, Oil & Grease		Misc. - Conductivity, pH, Resistivity Equivalent Salt, Specific Gravity, Chlorinity, Total Dissolved Solids, Hydrogen Sulfide, Boron, Iron, Barium, Silica	

# HAZARDOUS CHARACTERIZATION ANALYSIS

## (FEDERAL)

### FEDERAL PROFILE (R.C.R.A., 40 CFR)

**A waste is considered hazardous according to Federal guidelines if it is determined to be corrosive, ignitable, reactive or toxic. Please consult client services for proper sample containers and preservation techniques.**

METHOD	CORROSIVITY	(\$) PRICE
EPA 9040B		7.00
EPA 9045C		7.00
	IGNITABILITY	
EPA 1010		30.00
	REACTIVITY	
SW 846 Sect. 7.3.3.2		30.00
SW 846 Sect. 7.3.4.2		30.00
	TOXICITY	
EPA 1311		30.00
EPA 1311		30.00
	ANALYSIS	
EPA 6010B, 7471A		95.00
EPA 8080A, 8081A		50.00
EPA 8150B, 8151A		55.00
EPA 8240B, 8260B		50.00
EPA 8270C		95.00

*\*Required prior to analysis for volatiles*

*\*\*Required prior to analysis for metals, pesticides, herbicides & semi-volatiles*

<sup>1</sup> *Samples with less than 0.5% solids are not subject to an extraction*

# HAZARDOUS CHARACTERIZATION ANALYSIS (STATE)

## TITLE 22, ARTICLE 11 (CALIFORNIA CODE OF REGULATIONS)

METHOD	CORROSIVITY	(\$) PRICE	
EPA 9040B	pH (Aqueous, Soil, Sludge, etc)	7.00	
EPA 9045C	pH (Soil)	7.00	
	<b>IGNITABILITY</b>		
EPA 1010	Flashpoint (PMCC)	30	
	<b>REACTIVITY</b>		
SW 846 Sect. 7.3.3.2	Reactive Cyanide	30.00	
SW 846 Sect. 7.3.4.2	Reactive Sulfide	30.00	
	<b>TOXICITY</b>		
LC50 96 hr. Fish Bioassay	Aquatic Toxicity (Subcontract)	QUOTE	
	<b>INORGANICS</b>	<b>(\$) PRICE</b> (Preparation Included)	
EPA 6010B/EPA 7471A	Metals (17 to include: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn)	<b>TTLC</b>	<b>STLC</b>
		95.00	110.00
	<b>ORGANICS</b>		
EPA 8080A, 8081A	Aldrin, Chlordane, DDT, DDE, Dieldrin, Endrin, Heptachlor, Kepone, Lindane, Methoxychlor, Mirex, PCB's Toxaphene	50.00	50.00
EPA 8270C	Pentachlorophenol	95.00	95.00
Title 22 CCR	Organic Lead	Sub	Sub
EPA 8150B, 8151A	2, 4-Dichlorophenoxyacetic Acid (2, 4-D) 2, 4, 5-Trichlorophenoxypropionic Acid (2, 4, 5-TP)	55.00	55.00
Full CAM	pH, Flashpoint, Reactive CN, Reactive S, TTLC Metals, STLC Metals as needed, Aquatic Toxicity.	550.00	

## AIR /VAPOR SAMPLING

METHOD	GAS CHROMATOGRAPHY	(\$ ) PRICE VAPOR
ASTM D1946, EPA 3C	Fixed and / or permanent gases*	70.00
TO-3, EPA 8021	BTEX - Oxygenates only*	68.00
TO-3, EPA 8021	BTEX - Oxygenates, TVPH*	75.00
	<b>GAS CHROMATOGRAPHY MASS SPECTROMETRY</b>	
TO-14, EPA 8260	Volatile Halogenated & Aromatics	75.00
TO-14, EPA 8260	Volatile Halogenated & Aromatics + TVPH	85.00
TO-14, EPA 8260	TVPH only*	85.00
TO-15, EPA 8260	Low Level Volatile Halogenated + Aromatics	100.00
	<b>MISCELLANEOUS SAMPLING SUPPLIES</b>	
	Tedlar Bags Each	12.00
	Canister Rental	30.00
	Flow Controller Rental	20.00

\*Tedlar Bag Only

2016  
**RATE SCHEDULE**  
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Exclusively for  
**ACCORD ENGINEERING /**  
**LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS**

Effective September 1, 2016  
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All rates subject to FUEL SURCHARGE when in effect (see Page 6)

**TRANSPORTATION & DISPOSAL OF BULK SOIL**

**TRANSPORTATION & DISPOSAL OF BULK SOIL**

*Upon request, rates will be quoted on a "per ton" basis on a project specific basis*

**DISPOSAL OF NON-HAZARDOUS SOIL @ SOIL SAFE OF CALIFORNIA (TPST)**

Disposal Fee = \$35.00 - \$40.00/ton #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

**DISPOSAL OF NON-HAZARDOUS SOIL @ CHIQUITA CANYON LANDFILL**

Disposal Fee (Daily Cover) = \$28.00 - 35.00 /ton #

Disposal Fee (Direct Landfill) = \$47.00 - \$55.00 /ton #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

**END DUMP TRUCK RATES (Operated)**

*(Minimum = 4.0 hours)*

**UNIT TYPE**

**RATE**

End Dump Truck – Non-Hazardous\*:

\$100.00 - \$120.00 / hour

End Dump Truck – Hazardous\*:

\$110.00 - \$130.00 /hour

10-Wheeler Dump Truck – Non-Hazardous\*:

\$100.00 - \$120.00 / hour

10-Wheeler Dump Truck – Hazardous\*:

\$105.00 - \$130.00 /hour

*\*In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).*

*Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.*

**ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES**

*(Minimum = 4.0 hours)*

**UNIT / EQUIPMENT TYPE**

**RATE**

Roll-off Truck:

\$105.00 / hour

Roll-off Truck (Overtime):

\$127.50 / hour

Roll-off Truck (Double-Time):

\$140.00 / hour

Roll-off Bins (15 & 40 Cubic Yard):

\$ 16.00 / day

Roll-off Bins / Sludge Bins (5 Cubic Yard):

\$ 26.50 / day

Plastic Bin Liners (3 mil):

\$ 37.00 / each

Plastic Bin Liners (6 mil):

\$112.50 / each

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

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**TRANSPORTATION & DISPOSAL**  
**OF WASTE CONTAINED IN DRUMS**

**“MILKRUN” TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS**

**TRANSPORTATION & DISPOSAL – NON-HAZARDOUS**

	<b><u>RATE</u></b>
-- SOIL @ SOIL SAFE (TPST) (55 gal):	\$105.00 / drum * #
-- WATER @ DeMENNO KERDOON (55 gal):	\$105.00 / drum * #
-- INERT CONCRETE/ASPHALT DEBRIS (55-gal):	\$105.00 / drum * #
-- DRILLING MUD @ CROSBY & OVERTON or US ECOLOGY:	\$245.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY:	\$210.00 / drum * #

**TRANSPORTATION & DISPOSAL – NON-RCRA (CALIF) HAZARDOUS**

	<b><u>RATE</u></b>
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$200.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$200.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY (55-gal):	\$230.00 / drum * #

**TRANSPORTATION & DISPOSAL – RCRA-HAZARDOUS**

	<b><u>RATE</u></b>
-- SOIL/SOLIDS @ U.S. ECOLOGY - DIRECT LANDFILL (55-gal):	\$295.00 / drum * #
-- SOIL/SOLIDS @ U.S. ECOLOGY - STABILIZATION - METALS (55-gal):	\$305.00 / drum * #
-- SOIL/SOLIDS @ CLEAN HARBORS – INCINERATION (55-gal):	\$890.00 / drum * #
(Up to 500 lbs/drum / Excess invoiced at \$1.00/lb)	
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$245.00-\$320.00 / drum *#
-- LIQUIDS @ U.S. ECOLOGY (55-gal):	\$355.00 / drum * #

**ASSOCIATED ITEMS**

PROJECT MANAGEMENT & PROFILE FEE (also applies to Bulk Soil):	\$100.00-\$500.00 / project
DELIVERY OF EMPTY DRUMS (MILKRUN):	\$275.00-\$450.00 / trip
EMPTY “USED” STEEL DRUMS (55-gal):	No Charge
SALVAGE/OVERPACK DISPOSAL SURCHARGE (95-gal):	\$110.00 / drum #
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 25.00 / drum
ABSORBENT / SOLIDISORB (25 lb. Bag):	\$ 30.00 / bag
ONSITE TIME (TRANSFER OF WASTE):	\$110.00 / hour
HAND PUMP (for LIQUID WASTE TRANSFER):	\$ 22.50 / each
pH METER RENTAL:	\$ 21.50 / each
RIVET BUSTER (CUTTING OPEN DRUMS IN YARD):	\$110.00 / day
FedEx MANIFESTS (STANDARD OVERNIGHT):	\$ 25.00 / package

*BESI maintains an inventory of empty “USED” Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in “USED” Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.*

*\* Site Set-up Fee (\$105.00): Any drum removal event with < 5 drums will be charged a \$100.00 Site Set-up Fee (in addition to the per drum rate).*

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase. Rates for other waste will be quoted upon request on a project specific basis.*

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**TRANSPORTATION & DISPOSAL**  
**OF WASTE CONTAINED IN DRUMS**

**DRUM TRUCK/FLATRACK TRUCK RATES (Operated)**

(Minimum = 4.0 hours)

<b><u>UNIT TYPE</u></b>	<b><u>RATE</u></b>
Drum Truck with Lift Gate:	\$105.00 / hour
Drum Truck with Lift Gate (Overtime):	\$127.50 / hour
Drum Truck with Lift Gate (Double-Time):	\$140.00 / hour

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING.

**ASSOCIATED ITEMS**

**RATE**

**NEW STEEL DRUMS (EMPTY)**

NEW - 15-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 75.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 65.00 / drum
NEW - 30-Gal UN/DOT CLOSED-TOP:	\$ 64.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 78.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 87.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 87.00 / drum

**RECONDITIONED STEEL DRUMS (EMPTY)**

**RATE**

RECON - 30-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 56.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 48.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 48.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 48.00 / drum

**NEW POLY DRUMS (EMPTY)**

**RATE**

NEW - 3.5-Gal Non-DOT PAIL:	\$ 34.00 / drum
NEW - 5-Gal UN/DOT PAIL:	\$ 39.00 / drum
NEW - 15-Gal UN/DOT OPEN-TOP:	\$ 66.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 45.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 63.00 / drum

**RECONDITIONED POLY DRUMS (EMPTY)**

RECON - 15-Gal UN/DOT OPEN-TOP:	\$ 47.00 / drum
RECON - 15-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 30-Gal UN/DOT OPEN-TOP:	\$ 44.00 / drum
RECON - 30-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 59.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 39.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP (Opaque/Clear):	\$ 43.00 / drum



2016  
**RATE SCHEDULE**  
(Non-Prevailing Wage)Exclusively for  
**ACCORD ENGINEERING /**  
**LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS**Effective September 1, 2016  
(Valid October 2016 to October 2021)  
All rates subject to FUEL SURCHARGE when in effect (see Page 6)**TRANSPORTATION & DISPOSAL**  
**OF WASTE CONTAINED IN DRUMS****ASSOCIATED ITEMS****RATE****OVERPACKS / SALVAGE DRUMS (EMPTY)**

NEW - 95-Gal POLY UN/DOT SALVAGE DRUM - OPEN-TOP:	\$290.00 / drum
NEW - 95-Gal STEEL UN/DOT SALVAGE DRUM - OPEN-TOP:	\$230.00 / drum
USED - 95-Gal STEEL/POLY SALVAGE DRUM (Non-UN/DOT)- OPEN-TOP:	\$130.00 / drum

**MISC. CONTAINERS (EMPTY)**

RECON – 250/275-Gal TOTE:	\$180.00 / tote
UN/DOT CUBIC-YARD BOX (EMPTY) w/ WOODEN PALLET:	\$ 92.00 / each
UN/DOT SUPERSACK (EMPTY):	\$ 40.00 / each
WOODEN PALLET:	\$ 25.00 / each

**ADDITIONAL LABOR & EQUIPMENT RATES****LABOR RATES***(Minimum = 4.0 Hours)*

<b><u>CATEGORY</u></b>	<b><u>STRAIGHT-TIME</u></b>	<b><u>OVERTIME</u></b>	<b><u>DOUBLE-TIME</u></b>
Field Technician I:	\$ 70.00 / hour	\$ 80.00 / hour	\$ 90.00 / hour
Field Technician II:	\$ 80.00 / hour	\$ 95.00 / hour	\$110.00 / hour
Heavy Equipment Operator:	\$ 80.00 / hour	\$ 95.00 / hour	\$110.00 / hour
Project Manager:	\$ 90.00 / hour	\$110.00 / hour	\$130.00 / hour
Waste Consultant:	\$125.00 / hour	N/A	N/A

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING.

**EQUIPMENT RATES (Non-Operated)***(Minimum = 4.0 hours)*

<b><u>UNIT TYPE</u></b>	<b><u>RATE</u></b>	<b><u>UNIT TYPE</u></b>	<b><u>RATE</u></b>
Pickup Truck/Crew Truck:	\$25.00-\$50.00 / hour	Air Compressor Unit (Trailer):	\$340.00 / day
Pressure Washer (Cold Water):	\$155.00 / day	Generator:	\$205.00 / day
Response Truck:	\$575.00 / day	LEL Meter:	\$125.00 / day
Drum-it with Mini-Vac Unit:	\$650.00 / day	Double Diaphragm Pump:	\$235.00 / day
Drum-it (no Mini Vac Unit):	\$160.00 / day	Forklift /	
		Loading Equipment:	Quoted upon request

2016  
**RATE SCHEDULE**  
(Non-Prevailing Wage)

Exclusively for  
**ACCORD ENGINEERING /**  
**LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS**

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**TRANSPORTATION & DISPOSAL**  
**OF BULK LIQUIDS BY VACUUM TRUCK**

**BULK DISPOSAL OF NON-HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON**

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.35/gallon #
Truck Washout Fee:	\$325.00/washout #

**BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON**

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.28/gallon #
Truck Washout Fee:	\$345.00/washout #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

**DISPOSAL OF OTHER BULK LIQUIDS**

*Rates will be quoted upon request on a project specific basis*

**VACUUM TRUCK RATES (Operated)**

*(Minimum = 4.0 hours)*

<u>UNIT /EQUIPMENT TYPE</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>	<u>NIGHT WORK</u>
Vacuum Truck 70 BBL Mild Steel:	\$ 98.00 / hour	\$114.00 / hour	\$140.00 / hour	\$140.00 / hour
Vacuum Truck 100 BBL Mild Steel:	\$102.00 / hour	\$123.00 / hour	\$150.00 / hour	\$150.00 / hour

**ASSOCIATED ITEMS**

<b>PROJECT MANAGEMENT &amp; PROFILE FEE:</b>	\$100.00-\$500.00 / project
Surge Block:	\$ 30.50 / day
PVC Stingers / Schedule 40 – 1" Standard (10-ft section):	\$ 18.50 / each
PVC Stingers / Schedule 40 – ½" or ¾" Special In-Line (10-ft section):	\$ 25.75 / each
PVC Stingers / Schedule 40 – 1" Special In-Line (10-ft section):	\$ 28.25 / each
PVC Stingers / Schedule 40 – 1 ½" Special In-Line (10-ft section):	\$ 30.50 / each
PVC Stingers / Schedule 40 – 2" Special In-Line (10-ft section):	\$ 34.25 / each
Air Assist / Deep Wells:	\$ 36.75 / well

<b><u>STRAIGHT-TIME:</u></b>	First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.
<b><u>OVERTIME RATE:</u></b>	Any time worked over 8.0 hours in a workday, Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.
<b><u>DOUBLE-TIME RATE:</u></b>	Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING.
<b><u>NIGHT WORK:</u></b>	Any time worked that starts after 6:00 p.m. and/or before 5:00 a.m. at the request of ACCORD ENGINEERING.

## Belshire Environmental Services, Inc. Fuel Surcharge Rates

The following rate tables were established in response to escalating diesel fuel prices. The surcharges are based on weekly diesel fuel rates determined by the Energy Information Administration (EIA). Standard Rates will be adjusted upward/downward as diesel rates rise/fall. If diesel fuel rates exceed the fuel ranges shown in the tables, the surcharges will follow the linear trends established in these tables. Adjustments to the surcharges will be made on a weekly basis, based on the current diesel fuel price for that week.

**TRANSPORTATION EQUIPMENT:** The Fuel Surcharge Rates shown in the table below apply to all transportation equipment on our Rate Schedule, except for vacuum trucks.

Fuel Range			Surcharge
\$1.92	-	\$2.01	7.00%
\$2.02	-	\$2.11	8.00%
\$2.12	-	\$2.21	9.00%
\$2.22	-	\$2.31	10.00%
\$2.32	-	\$2.41	11.00%
\$2.42	-	\$2.51	12.00%
\$2.52	-	\$2.61	13.00%
\$2.62	-	\$2.71	14.00%
\$2.72	-	\$2.81	15.00%
\$2.82	-	\$2.91	16.00%
\$2.92	-	\$3.01	17.00%
\$3.02	-	\$3.11	18.00%

Fuel Range			Surcharge
\$3.12	-	\$3.21	19.00%
\$3.22	-	\$3.31	20.00%
\$3.32	-	\$3.41	21.00%
\$3.42	-	\$3.51	22.00%
\$3.52	-	\$3.61	23.00%
\$3.62	-	\$3.71	24.00%
\$3.72	-	\$3.81	25.00%
\$3.82	-	\$3.91	26.00%
\$3.92	-	\$4.01	27.00%
\$4.02	-	\$4.11	28.00%
\$4.12	-	\$4.21	29.00%
\$4.22	-	\$4.31	30.00%

Fuel Range			Surcharge
\$4.32	-	\$4.41	31.00%
\$4.42	-	\$4.51	32.00%
\$4.52	-	\$4.61	33.00%
\$4.62	-	\$4.71	34.00%
\$4.72	-	\$4.81	35.00%
\$4.82	-	\$4.91	36.00%
\$4.92	-	\$5.01	37.00%
\$5.02	-	\$5.11	38.00%
\$5.12	-	\$5.21	39.00%
\$5.22	-	\$5.31	40.00%
\$5.32	-	\$5.41	41.00%
\$5.42	-	\$5.51	42.00%

**DRUMS:** A fuel surcharge is added to our standard Drum rates based on the table below. A fuel surcharge rate will be added based on the number of drums removed from the site on any single drum removal trip. A minimum charge of 4 drums will be charged on any drum removal trip.

Fuel Range			Surcharge Per Drum
\$2.01		\$2.50	\$2.50
\$2.51		\$3.00	\$4.00
\$3.01	-	\$3.50	\$5.00
\$3.51	-	\$4.00	\$6.25
\$4.01	-	\$4.50	\$7.50
\$4.51	-	\$5.00	\$8.75
\$5.01	-	\$5.50	\$10.00
\$5.51	-	\$6.00	\$11.25
\$6.01	-	\$6.50	\$12.50
\$6.51	-	\$7.00	\$13.75
Minimum Fuel Surcharge is based on four drums.			

**VACUUM TRUCKS:** The Fuel Surcharge Rates shown in the table below apply to subcontracted vacuum truck and related equipment for projects in Southern California. Shown in the Surcharge column are the Surcharge for sites ≤ 140 miles from Orange County yard, followed by Surcharge for site > 140 miles from Orange County yard.

Fuel Range			Surcharge
\$1.92	-	\$2.61	0.0%
\$2.62	-	\$2.71	4.0% / 7.5%
\$2.72	-	\$2.81	5.0% / 7.5%
\$2.82	-	\$2.91	5.0% / 9.5%
\$2.92		\$3.01	6.0% / 9.5%

Fuel Range			Surcharge
\$3.02	-	\$3.11	7.0% / 11.5%
\$3.12	-	\$3.21	7.0% / 11.5%
\$3.22	-	\$3.31	8.0% / 13.5%
\$3.32	-	\$3.41	8.0% / 13.5%
\$3.42	-	\$3.51	9.0% / 15.5%

Fuel Range			Surcharge
\$3.52	-	\$3.61	10.0% / 15.5%
\$3.62	-	\$3.71	10.0% / 17.5%
\$3.72	-	\$3.81	11.0% / 17.5%
\$3.82		\$3.91	11.0% / 19.5%
\$3.92		\$4.01	12.0% / 19.5%

2016  
**RATE SCHEDULE**  
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**TRANSPORTATION & DISPOSAL OF BULK SOIL**

**TRANSPORTATION & DISPOSAL OF BULK SOIL**

*Upon request, rates will be quoted on a "per ton" basis on a project specific basis*

**DISPOSAL OF NON-HAZARDOUS SOIL @ SOIL SAFE OF CALIFORNIA (TPST)**

Disposal Fee = \$35.00 - \$40.00/ton #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

**DISPOSAL OF NON-HAZARDOUS SOIL @ CHIQUITA CANYON LANDFILL**

Disposal Fee (Daily Cover) = \$28.00 - 35.00 /ton #

Disposal Fee (Direct Landfill) = \$47.00 - \$55.00 /ton #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.*

**END DUMP TRUCK RATES (Operated)**

*(Minimum = 4.0 hours)*

**UNIT TYPE**

**RATE**

End Dump Truck – Non-Hazardous\*:

\$100.00 - \$120.00 / hour

End Dump Truck – Hazardous\*:

\$110.00 - \$130.00 /hour

10-Wheeler Dump Truck – Non-Hazardous\*:

\$100.00 - \$120.00 / hour

10-Wheeler Dump Truck – Hazardous\*:

\$105.00 - \$130.00 /hour

*\*In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).*

*Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.*

**ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES**

*(Minimum = 4.0 hours)*

**UNIT / EQUIPMENT TYPE**

**RATE**

Roll-off Truck:

\$115.00 / hour

Roll-off Truck (Overtime):

\$140.00 / hour

Roll-off Truck (Double-Time):

\$165.00 / hour

Roll-off Bins (15 & 40 Cubic Yard):

\$ 16.00 / day

Roll-off Bins / Sludge Bins (5 Cubic Yard):

\$ 26.50 / day

Plastic Bin Liners (3 mil):

\$ 37.00 / each

Plastic Bin Liners (6 mil):

\$112.50 / each

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

2016  
**RATE SCHEDULE**  
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**TRANSPORTATION & DISPOSAL**  
**OF WASTE CONTAINED IN DRUMS**

**“MILKRUN” TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS**

**TRANSPORTATION & DISPOSAL – NON-HAZARDOUS**

	<b><u>RATE</u></b>
-- SOIL @ SOIL SAFE (TPST) (55 gal):	\$115.00 / drum * #
-- WATER @ DeMENNO KERDOON (55 gal):	\$115.00 / drum * #
-- INERT CONCRETE/ASPHALT DEBRIS (55-gal):	\$115.00 / drum * #
-- DRILLING MUD @ CROSBY & OVERTON or US ECOLOGY:	\$255.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY:	\$220.00 / drum * #

**TRANSPORTATION & DISPOSAL – NON-RCRA (CALIF) HAZARDOUS**

	<b><u>RATE</u></b>
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY (55-gal):	\$240.00 / drum * #

**TRANSPORTATION & DISPOSAL – RCRA-HAZARDOUS**

	<b><u>RATE</u></b>
-- SOIL/SOLIDS @ U.S. ECOLOGY - DIRECT LANDFILL (55-gal):	\$305.00 / drum * #
-- SOIL/SOLIDS @ U.S. ECOLOGY - STABILIZATION of METALS (55-gal):	\$315.00 / drum * #
-- SOIL/SOLIDS @ CLEAN HARBORS – INCINERATION (55-gal):	\$900.00 / drum * #
(Up to 500 lbs/drum / Excess invoiced at \$1.05/lb)	
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$220.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$255.00-\$330.00 / drum *#
-- LIQUIDS @ U.S. ECOLOGY - SOLIDIFICATION (55-gal):	\$365.00 / drum * #

**ASSOCIATED ITEMS**

PROJECT MANAGEMENT & PROFILE FEE (also applies to Bulk Soil):	\$100.00-\$500.00 / project
DELIVERY OF EMPTY DRUMS (MILKRUN):	\$290.00-\$475.00 / trip
EMPTY “USED” STEEL DRUMS (55-gal):	No Charge
SALVAGE/OVERPACK DISPOSAL SURCHARGE (95-gal):	\$110.00 / drum #
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 25.00 / drum
ABSORBENT / SOLIDISORB (25 lb. Bag):	\$ 30.00 / bag
ONSITE TIME (TRANSFER OF WASTE):	\$110.00 / hour
HAND PUMP (for LIQUID WASTE TRANSFER):	\$ 22.50 / each
pH METER RENTAL:	\$ 21.50 / each
RIVET BUSTER (CUTTING OPEN DRUMS IN YARD):	\$110.00 / day
FedEx MANIFESTS (STANDARD OVERNIGHT):	\$ 25.00 / package

*BESI maintains an inventory of empty “USED” Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in “USED” Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.*

*\* Site Set-up Fee (\$105.00): Any drum removal event with < 5 drums will be charged a \$100.00 Site Set-up Fee (in addition to the per drum rate).*

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase. Rates for other waste will be quoted upon request on a project specific basis.*

2016  
**RATE SCHEDULE**  
(Prevailing Wage)

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**TRANSPORTATION & DISPOSAL**  
**OF WASTE CONTAINED IN DRUMS**

**DRUM TRUCK/FLATRACK TRUCK RATES (Operated)**

(Minimum = 4.0 hours)

<b><u>UNIT TYPE</u></b>	<b><u>RATE</u></b>
Drum Truck with Lift Gate:	\$115.00 / hour
Drum Truck with Lift Gate (Overtime):	\$140.00 / hour
Drum Truck with Lift Gate (Double-Time):	\$165.00 / hour

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING.

**ASSOCIATED ITEMS**

**RATE**

**NEW STEEL DRUMS (EMPTY)**

NEW - 15-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 75.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 65.00 / drum
NEW - 30-Gal UN/DOT CLOSED-TOP:	\$ 64.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 78.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 87.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 87.00 / drum

**RECONDITIONED STEEL DRUMS (EMPTY)**

**RATE**

RECON - 30-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 56.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 48.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 48.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 48.00 / drum

**NEW POLY DRUMS (EMPTY)**

**RATE**

NEW - 3.5-Gal Non-DOT PAIL:	\$ 34.00 / drum
NEW - 5-Gal UN/DOT PAIL:	\$ 39.00 / drum
NEW - 15-Gal UN/DOT OPEN-TOP:	\$ 66.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 45.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 63.00 / drum

**RECONDITIONED POLY DRUMS (EMPTY)**

RECON - 15-Gal UN/DOT OPEN-TOP:	\$ 47.00 / drum
RECON - 15-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 30-Gal UN/DOT OPEN-TOP:	\$ 44.00 / drum
RECON - 30-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 59.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 39.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP (Opaque/Clear):	\$ 43.00 / drum



2016  
**RATE SCHEDULE**  
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**OF WASTE CONTAINED IN DRUMS****ASSOCIATED ITEMS****RATE****OVERPACKS / SALVAGE DRUMS (EMPTY)**

NEW - 95-Gal POLY UN/DOT SALVAGE DRUM - OPEN-TOP:	\$290.00 / drum
NEW - 95-Gal STEEL UN/DOT SALVAGE DRUM - OPEN-TOP:	\$230.00 / drum
USED - 95-Gal STEEL/POLY SALVAGE DRUM (Non-UN/DOT)- OPEN-TOP:	\$130.00 / drum

**MISC. CONTAINERS (EMPTY)**

RECON – 250/275-Gal TOTE:	\$180.00 / tote
UN/DOT CUBIC-YARD BOX (EMPTY) w/ WOODEN PALLET:	\$ 92.00 / each
UN/DOT SUPERSACK (EMPTY):	\$ 40.00 / each
WOODEN PALLET:	\$ 25.00 / each

**ADDITIONAL LABOR & EQUIPMENT RATES****LABOR RATES***(Minimum = 4.0 Hours)*

<b><u>CATEGORY</u></b>	<b><u>STRAIGHT-TIME</u></b>	<b><u>OVERTIME</u></b>	<b><u>DOUBLE-TIME</u></b>
Field Technician I:	\$ 90.00 / hour	\$110.00 / hour	\$130.00 / hour
Field Technician II:	\$100.00 / hour	\$120.00 / hour	\$145.00 / hour
Heavy Equipment Operator:	\$105.00 / hour	\$125.00 / hour	\$150.00 / hour
Project Manager:	\$100.00 / hour	\$120.00 / hour	\$145.00 / hour
Waste Consultant:	\$125.00 / hour	N/A	N/A

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING.

**EQUIPMENT RATES (Non-Operated)***(Minimum = 4.0 hours)*

<b><u>UNIT TYPE</u></b>	<b><u>RATE</u></b>	<b><u>UNIT TYPE</u></b>	<b><u>RATE</u></b>
Pickup Truck/Crew Truck:	\$25.00-\$50.00 / hour	Air Compressor Unit (Trailer):	\$340.00 / day
Pressure Washer (Cold Water):	\$155.00 / day	Generator:	\$205.00 / day
Response Truck:	\$575.00 / day	LEL Meter:	\$125.00 / day
Drum-it with Mini-Vac Unit:	\$650.00 / day	Double Diaphragm Pump:	\$235.00 / day
Drum-it (no Mini Vac Unit):	\$160.00 / day	Forklift /	
		Loading Equipment:	Quoted upon request

2016  
**RATE SCHEDULE**  
(Prevailing Wage)Exclusively for  
**ACCORD ENGINEERING /**  
**LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS**Effective September 1, 2016  
(Valid October 2016 to October 2021)  
All rates subject to FUEL SURCHARGE when in effect (see Page 6)**TRANSPORTATION & DISPOSAL**  
**OF BULK LIQUIDS BY VACUUM TRUCK****BULK DISPOSAL OF NON-HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON**

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.35/gallon #
Truck Washout Fee:	\$325.00/washout #

**BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON**

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.28/gallon #
Truck Washout Fee:	\$345.00/washout #

*# Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.***DISPOSAL OF OTHER BULK LIQUIDS***Rates will be quoted upon request on a project specific basis***VACUUM TRUCK RATES (Operated)***(Minimum = 4.0 hours)*

<u>UNIT /EQUIPMENT TYPE</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>	<u>NIGHT WORK</u>
Vacuum Truck 70 BBL Mild Steel:	\$119.00 / hour	\$149.00 / hour	\$179.00 / hour	\$179.00 / hour
Vacuum Truck 100 BBL Mild Steel:	\$129.00 / hour	\$160.50 / hour	\$192.00 / hour	\$192.00 / hour

**ASSOCIATED ITEMS**

<b>PROJECT MANAGEMENT &amp; PROFILE FEE:</b>	\$100.00-\$500.00 / project
Surge Block:	\$ 30.50 / day
PVC Stingers / Schedule 40 – 1" Standard (10-ft section):	\$ 18.50 / each
PVC Stingers / Schedule 40 – ½" or ¾" Special In-Line (10-ft section):	\$ 25.75 / each
PVC Stingers / Schedule 40 – 1" Special In-Line (10-ft section):	\$ 28.25 / each
PVC Stingers / Schedule 40 – 1 ½" Special In-Line (10-ft section):	\$ 30.50 / each
PVC Stingers / Schedule 40 – 2" Special In-Line (10-ft section):	\$ 34.25 / each
Air Assist / Deep Wells:	\$ 36.75 / well

**STRAIGHT-TIME:**

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

**OVERTIME RATE:**

Any time worked over 8.0 hours in a workday, Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ACCORD ENGINEERING.

**DOUBLE-TIME RATE:**

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ACCORD ENGINEERING.

**NIGHT WORK:**

Any time worked that starts after 6:00 p.m. and/or before 5:00 a.m. at the request of ACCORD ENGINEERING.



## Belshire Environmental Services, Inc. Fuel Surcharge Rates

The following rate tables were established in response to escalating diesel fuel prices. The surcharges are based on weekly diesel fuel rates determined by the Energy Information Administration (EIA). Standard Rates will be adjusted upward/downward as diesel rates rise/fall. If diesel fuel rates exceed the fuel ranges shown in the tables, the surcharges will follow the linear trends established in these tables. Adjustments to the surcharges will be made on a weekly basis, based on the current diesel fuel price for that week.

**TRANSPORTATION EQUIPMENT:** The Fuel Surcharge Rates shown in the table below apply to all transportation equipment on our Rate Schedule, except for vacuum trucks.

Fuel Range			Surcharge
\$1.92	-	\$2.01	7.00%
\$2.02	-	\$2.11	8.00%
\$2.12	-	\$2.21	9.00%
\$2.22	-	\$2.31	10.00%
\$2.32	-	\$2.41	11.00%
\$2.42	-	\$2.51	12.00%
\$2.52	-	\$2.61	13.00%
\$2.62	-	\$2.71	14.00%
\$2.72	-	\$2.81	15.00%
\$2.82	-	\$2.91	16.00%
\$2.92	-	\$3.01	17.00%
\$3.02	-	\$3.11	18.00%

Fuel Range			Surcharge
\$3.12	-	\$3.21	19.00%
\$3.22	-	\$3.31	20.00%
\$3.32	-	\$3.41	21.00%
\$3.42	-	\$3.51	22.00%
\$3.52	-	\$3.61	23.00%
\$3.62	-	\$3.71	24.00%
\$3.72	-	\$3.81	25.00%
\$3.82	-	\$3.91	26.00%
\$3.92	-	\$4.01	27.00%
\$4.02	-	\$4.11	28.00%
\$4.12	-	\$4.21	29.00%
\$4.22	-	\$4.31	30.00%

Fuel Range			Surcharge
\$4.32	-	\$4.41	31.00%
\$4.42	-	\$4.51	32.00%
\$4.52	-	\$4.61	33.00%
\$4.62	-	\$4.71	34.00%
\$4.72	-	\$4.81	35.00%
\$4.82	-	\$4.91	36.00%
\$4.92	-	\$5.01	37.00%
\$5.02	-	\$5.11	38.00%
\$5.12	-	\$5.21	39.00%
\$5.22	-	\$5.31	40.00%
\$5.32	-	\$5.41	41.00%
\$5.42	-	\$5.51	42.00%

**DRUMS:** A fuel surcharge is added to our standard Drum rates based on the table below. A fuel surcharge rate will be added based on the number of drums removed from the site on any single drum removal trip. A minimum charge of 4 drums will be charged on any drum removal trip.

Fuel Range			Surcharge Per Drum
\$2.01		\$2.50	\$2.50
\$2.51		\$3.00	\$4.00
\$3.01	-	\$3.50	\$5.00
\$3.51	-	\$4.00	\$6.25
\$4.01	-	\$4.50	\$7.50
\$4.51	-	\$5.00	\$8.75
\$5.01	-	\$5.50	\$10.00
\$5.51	-	\$6.00	\$11.25
\$6.01	-	\$6.50	\$12.50
\$6.51	-	\$7.00	\$13.75
Minimum Fuel Surcharge is based on four drums.			

**VACUUM TRUCKS:** The Fuel Surcharge Rates shown in the table below apply to subcontracted vacuum truck and related equipment for projects in Southern California. Shown in the Surcharge column are the Surcharge for sites  $\leq$  140 miles from Orange County yard, followed by Surcharge for site  $>$  140 miles from Orange County yard.

Fuel Range			Surcharge
\$1.92	-	\$2.61	0.0%
\$2.62	-	\$2.71	4.0% / 7.5%
\$2.72	-	\$2.81	5.0% / 7.5%
\$2.82	-	\$2.91	5.0% / 9.5%
\$2.92		\$3.01	6.0% / 9.5%

Fuel Range			Surcharge
\$3.02	-	\$3.11	7.0% / 11.5%
\$3.12	-	\$3.21	7.0% / 11.5%
\$3.22	-	\$3.31	8.0% / 13.5%
\$3.32	-	\$3.41	8.0% / 13.5%
\$3.42	-	\$3.51	9.0% / 15.5%

Fuel Range			Surcharge
\$3.52	-	\$3.61	10.0% / 15.5%
\$3.62	-	\$3.71	10.0% / 17.5%
\$3.72	-	\$3.81	11.0% / 17.5%
\$3.82		\$3.91	11.0% / 19.5%
\$3.92		\$4.01	12.0% / 19.5%



Cascade Technical Services (DBA Vironex Technical Services, LLC)  
 Sean Tannehill  
 1225 E. McFadden Ave  
 Santa Ana, CA 92705  
 (714) 647-6290 Office  
 (714) 412-4840 Cell  
[stannehill@cascade-env.com](mailto:stannehill@cascade-env.com)

## STANDARD RATE SCHEDULE

<b><u>Description</u></b>	<b><u>Unit Rate</u></b>
<b><u>Sampling Services</u></b>	
Geoprobe 6600 (1-man crew).....	\$1,450.00/8 hr day
Geoprobe 66DT Track (2-man crew).....	\$2,250.00/8 hr day
Geoprobe 540M Limited Access (2-man crew).....	\$2,250.00/8 hr day
Geoprobe 8040 Track (2-man crew).....	\$4,200.00/8 hr day
Additional Technician.....	\$95.00/hour
Saturday Surcharge (man).....	\$350.00/8 hr day/man
Sunday Surcharge (man).....	\$450.00/8 hr day/man
Pressure Washer.....	\$125.00/day
Prevailing Wage (man).....	\$225.00/day
Prevailing Wage (2-man crew).....	\$450.00/day
Mobilization (<50 miles from home terminal) .....	\$175.00/day
Mobilization (>50 miles from home terminal).....	\$100/hour
Over time (after 8 hours) .....	\$175.00/hour/per man
Discrete Soil Sample Sleeves.....	\$6.00/each
Continuous Soil Cores Sleeves.....	\$4.00/foot
Consumables per 1" Poly Vapor Probe.....	\$25.00/each
Groundwater Samples ( 3/8" Tubing/ Bailers) (depth dependent).....	\$30.00/each
PVC pipe 3/4" x 5' screen.....	\$20.00/each
PVC pipe 3/4" x 5' blank.....	\$18.00/each
16 or 55 Gallon Waste Drum.....	\$65.00/each



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[stannehill@cascade-env.com](mailto:stannehill@cascade-env.com)

## STANDARD RATE SCHEDULE

<b><u>Description</u></b>	<b><u>Unit Rate</u></b>
Stainless Steel Sub-Slab Implant.....	\$40.00/each
Consumables per 6" Permanent Stainless Steel Vapor Implant .....	\$65.00/each
Per Diem.....	\$185.00/day/man
Vapor Pin Rental.....	\$15.00/each/day
Concrete Coring (5" diameter x 8" thickness).....	\$65.00/each
Concrete Coring (10" diameter x 8" thickness).....	\$105.00/each
Concrete Coring (10" diameter x < 8" thickness).....	\$90.00/each
Flush Mount Surface Completion (6-inch).....	\$70.00/each
Flush Mount Surface Completion (8-inch).....	\$85.00/each
Flush Mount Surface Completion (10-inch).....	\$105.00/each
Flush Mount Surface Completion (12-inch).....	\$130.00/each
Tedlar Bags.....	\$14.00/each
Exhaust Venting System (DPT Rigs).....	\$550.00/day

### **Injection Services**

Injection Services - Includes one (1) Injection Rig, one (1) Direct Push Rig, Tooling, & Crews (8-hour day).....	\$5,100.00/day
Mobilization.....	\$350.00/day
Injection Reporting and Health & Safety Plan.....	\$750.00/lump sum
Reagent Purchase (includes tax and freight).....	at Cost
Reagent Purchase Surcharge (includes hazardous material handling, temporary storage, and Documentation).....	35% of Reagent Cost
Reagent Receiving (loading and unloading, incl. forklift).....	\$375.00/per delivery



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[stannehill@cascade-env.com](mailto:stannehill@cascade-env.com)

## STANDARD RATE SCHEDULE

<u>Description</u>	<u>Unit Rate</u>
<b><u>High Resolution Site Characterization Services</u></b>	
MiHPT Testing - Includes one (1) HRSC Rig, one (1) Direct Push Rig 6600 or 6610, Tooling, & Crews (8-hour day).....	\$4,500.00/day
Mobilization.....	\$375.00/day
HRSC Consumables.....	\$2.00/foot
Data Imaging and MVS 3D Model.....	\$1,600.00/lump sum

**Dulin and Boynton**  
**Licensed Surveyors, Inc.**

729 E. Willow Street  
Signal Hill, CA 90755-2700  
(562) 426-6464 Fax (562) 426-7707  
Toll Free (800) 887-6774  
www.dulinandboynton.com

**RATE SCHEDULE**  
**SURVEY DEPARTMENT**

**EFFECTIVE THROUGH TERM OF CONTRACT**

Pertaining to Accord Engineering for on-call environmental services for LACPW

Court Appearance (4 Hour Minimum) _____	\$263.00/Hour
Project Manager (Licensed Surveyor) _____	142.00/Hour
Office Engineering _____	123.00/Hour
Computer Drafting _____	111.00/Hour
Permit Processing/Research _____	99.00/Hour
Clerical/Typing _____	69.00/Hour
One Man Survey Crew _____	160.00/Hour
Two Man Survey Crew _____	287.00/Hour
Three Man Survey Crew _____	380.00/Hour
Hydrographic Survey Crew (Incl Boat/GPS) _____	500.00/Hour
GPS Survey Crew Surcharge (4 Hour Minimum) _____	57.00/Hour
3D Laser Scanner Surcharge (4 Hour Minimum) _____	44.00/Hour

*Vj g"cdqxs"tcvgu"lpemf g"qlhkg"cpf "lkgf "uwr rkgu"cpf "o kgci g"tgs wkt gf "lqt "j g"  
rtqgewkqp"ql'hj g"y qtn0"*

"

Dulin and Boynton meets the requirements of: Department of Transportation  
(DOT) drug compliance; L.A.C.C. (Refinery) drug compliance; R.S.O.  
(Refinery) safety compliance; and HAZMAT certifications.

◆ **CALL TOLL FREE 1-800-887-6774** ◆

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Organics</b>			
<b>GC</b>			
Organochlorinated Pesticides (only)	8081	\$110.00	\$110.00
PCBs (only)	8082	\$70.00	\$70.00
Low Level PCB	8082-Low	\$95.00	\$95.00
Organophosphorous Pesticides	8141	\$150.00	\$150.00
Chlorinated Herbicides	8151	\$145.00	\$145.00
<b>Volatiles</b>			
Volatile Organics by GC/MS	5030/8260B	\$90.00	\$90.00
Volatile Organics by GC/MS w Oxygenates	5030/8260B	\$95.00	\$95.00
Volatile Organics by GC/MS	5035/8260B	NA	\$95.00
Volatile Organics by GC/MS w Oxygenates	5035/8260B	NA	\$100.00
BTEX by GC/MS	5030/8260B	\$75.00	\$75.00
BTEX + oxygenates by GC/MS	5030/8260B	\$80.00	\$80.00
BTEX by GC/MS	5035/8260B	NA	\$80.00
BTEX + oxygenates by GC/MS	5035/8260B	NA	\$85.00
1,2,3-Trichloropropane Low Level	8260B-SIM	NA	\$120.00
5035 Supplies			
Encores, per tube		NA	\$8.00
Prewieghed/prepreserved vial, per vial		NA	\$5.00
<b>Semi-Volatiles</b>			
Semivolatile Organics by GC/MS	8270C	\$185.00	\$185.00
SVOC by 8270C with low PAH by SIM	8270C/8270C SIM	\$315.00	\$315.00
Low Level PAHs by GC/MS-SIM	8270C-SIM	\$155.00	\$155.00
Non-PAH Low Level SVOC GC/MS SIM	8270C-SIM	\$170.00	\$170.00
1,4-dioxane Low Level	8270M-SIM	\$140.00	\$150.00
Dioxins/Furans	8290	\$550.00	\$550.00
<i>analysis subcontracted; MS/MSD samples are billable if required.</i>			
<b>HPLC</b>			
Polynuclear Aromatics by HPLC	8310	\$120.00	\$130.00
Explosives by HPLC	8330	\$125.00	\$130.00
<b>Others</b>			
Oil and Grease/Total Recoverable	1664	\$60.00	NA
Oil and Grease with Silica Gel Cleanup	1664/ SGT	\$75.00	NA
<b>Vapor Samples</b>			
Volatile Organics	TO-15		\$190.00
Canister rental (per week)			\$50.00
<b>Fuels</b>			
TVPH Gas (C6-C10)	8015M	\$45.00	\$50.00
TEPH Diesel (C10-C24)	8015M	\$50.00	\$55.00
TEPH Motor Oil (C24-C36)	8015M	\$55.00	\$60.00
TPH Full Range (C6-C36) (TPH-G,D, MO)	8015M	\$100.00	\$110.00
TPH Full Range (C6-C40) (TPH-G,D, MO)	8015M	\$100.00	\$110.00
TPH Diesel/Motor Oil (C10-C40)	8015M	\$65.00	\$70.00
TEPH Carbon Chain <del>Extended Range</del> (C10-C40)	8015M	\$65.00	\$70.00
Ethanol by GC	8015M	\$60.00	\$80.00
Methanol by GC	8015M	\$70.00	\$85.00
TPH Gas (C6-C12)	8015M	\$45.00	\$50.00
TPH Carbon Chain <del>Extended Range</del> (C9-C40)	8015M	\$65.00	\$65.00
Silica Gel Cleanup	SGT	\$15.00	\$15.00

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Metals</b>			
<b>ICP Metals</b>			
TAL Metals - 23 Metals	6010B/7470	\$160.00	\$160.00
Title 22 CAM Metals -17 Metals	6010B/7470	\$115.00	\$115.00
Priority Pollutant Metals – 13 Metals	6010B/7470	\$120.00	\$120.00
RCRA Metals - 8 Metals	6010B/7470	\$105.00	\$105.00
First Metal	6010B	\$20.00	\$20.00
Additional elements (each)	6010B	\$10.00	\$10.00
<b>ICPMS Metals</b>			
TAL Metals - 23 Metals	6020/7470	\$175.00	\$175.00
Title 22 CAM Metals -17 Metals	6020/7470	\$130.00	\$130.00
Priority Pollutant Metals – 13 Metals	6020/7470	\$135.00	\$135.00
RCRA Metals - 8 Metals	6020/7470	\$120.00	\$120.00
First Metal	6020	\$24.00	\$24.00
Additional elements (each)	6020	\$12.00	\$12.00
<b>Dissolved ICP Metals</b>			
Dissolved TAL Metals - 23 Metals	6010B/7470	\$160.00	\$160.00
Dissolved Title 22 CAM Metals -17 Metals	6010B/7470	\$115.00	\$115.00
Dissolved Priority Pollutant Metals – 13 Metals	6010B/7470	\$120.00	\$120.00
Dissolved RCRA Metals - 8 Metals	6010B/7470	\$105.00	\$105.00
Dissolved First Metal	6010B	\$20.00	\$20.00
Additional dissolved elements (each)	6010B	\$10.00	\$10.00
<b>Dissolved ICPMS Metals</b>			
Dissolved TAL Metals - 23 Metals	6020/7470	\$175.00	\$175.00
Dissolved Title 22 CAM Metals -17 Metals	6020/7470	\$130.00	\$130.00
Dissolved Priority Pollutant Metals – 13 Metals	6020/7470	\$135.00	\$135.00
Dissolved RCRA Metals - 8 Metals	6020/7470	\$120.00	\$120.00
Dissolved First Metal	6020	\$24.00	\$24.00
Additional dissolved elements (each)	6020	\$12.00	\$12.00
Mercury	7471 /7470	\$25.00	\$25.00
Hexavalent Chromium	7196	\$45.00	\$50.00
Hex Chrom w Alkaline Digestion	3060/7196		\$65.00
Hexavalent Chromium	218.6	\$80.00	\$95.00
Hexavalent Chromium	7199	\$90.00	\$105.00
Hex Chrom w Alkaline Digestion	3060/7199	NA	\$115.00
Lab Filtration for Dissolved Constituents		\$10.00	NA
<b>Hazardous Waste Evaluation</b>			
Ignitability - Flash Point	1010M	\$30.00	\$30.00
Corrosivity – pH	9040/9045	\$10.00	\$15.00
Reactive Cyanide	9010	\$50.00	\$50.00
Reactive Sulfide	1310	\$50.00	\$50.00
<b>RCRA Waste -Leaching</b>			
TCLP extraction (non-volatiles)	1311	\$45.00	\$45.00
Zero Head Space Extraction (volatiles)	1311	\$55.00	\$55.00
<b>California Regulations STLC - Leaching</b>			
WET/STLC Extraction	WET	\$45.00	\$45.00
<b>Other Regulations - Leaching</b>			
SPLP Leaching	1312	\$55.00	\$55.00

*Note: Total charge based on Leaching charge + Analysis*

<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Wet Chemistry / Water Quality</b>			
Alkalinity	310.1	\$18.00	NA
TDS	160.1/SM2540C	\$18.00	NA
TSS	160.2/SM2540D	\$18.00	NA
BOD	405.1/ SM5210B	\$40.00	NA
COD	410.4	\$35.00	NA
Ferrous Iron (Iron II)	SM3500	\$30.00	NA
Iron III (Calculation)	Calculation - SM3500/6010	\$55.00	NA
Sulfide	376.1/SM4500	\$30.00	NA
TOC	415.1/SM5310	\$40.00	NA
Total Phosphorus	365.1/SM4500	\$40.00	\$45.00
Nitrite/Nitrate	SM4500	\$40.00	\$45.00
Ammonia as Nitrogen	350.1/SM4500	\$40.00	\$45.00
Total Kjeldahl Nitrogen	SM4500	\$40.00	\$45.00
Total Nitrogen	by calculation	\$10.00	\$10.00
Methane, Ethene, Ethane	RSK175	\$70.00	NA
Carbon Dioxide	RSK175	\$70.00	NA
<b>Ion Chromatography</b>			
Per anion (NO3, NO2, SO4, F, Cl, OPO4, Br)	300.0	\$16.00	NA
Per anion (NO3, NO2, SO4, F, Cl, OPO4, Br)	9056	\$16.00	\$20.00
Metabolic/Organic Acids	300M	\$130.00	\$150.00
<b>Metals</b>			
Iron	6010B	\$20.00	NA
Manganese	6010B	\$20.00	NA
Iron/Manganese	6010B	\$30.00	NA
Common Cations (Ca, Mg, Na, K)	6010B	\$50.00	NA
<b>Miscellaneous Tests</b>			
Asbestos PLM-Bulk-Qualitative	PLM	NA	\$20.00
<i>Note: Unit Price Per layer</i>			
Formaldehyde	ASTM D6303 or ASTM- D19M	\$275.00	\$275.00
Silica Gel Cleanup	SGT	\$15.00	\$15.00



<b>PARAMETERS</b>	<b>EPA METHOD</b>	<b>Unit Price (Water)</b>	<b>Unit Price (Soil)</b>
<b>Other Services (Surcharges)</b>			
<b>Turnaround Times</b>			
Standard:	5-7 working days		0%
Rush:	3 working days		50% (with prior scheduling)
	2 working days		60% (with prior scheduling)
	1 working days		100% (with prior scheduling)
<b>Composite Fee</b>	per container	\$10.00	\$10.00
<b>Environmental Management Fee (1)</b>	per container	\$5.00	\$5.00
<b>EDD</b>			
First standard EDD (Tt EDD or EMAX EDD)			No charge
Each additional EDD, if more than one is required			2%
<i>Note: Min of \$10 per SDG, maximum of \$75 per SDG.</i>			
Consolidated Tt EDD (per event)	Each	\$375	\$375
<b>Reports</b>			
Level II Data Package	Level II		0%
Level III Data Package	Level III		10%
Level IV Data Package	Level IV		15%
PDF Report			0%
Hardcopy Report			At Cost

**Notes**

(1) Environmental management fee is only applied to samples not analyzed and placed on hold. Fee covers sample disposal and storage.

## **Enviro-Tox Services, Inc.**

### ***Fee Schedule for Professional Services***

***2016 to 2021***

#### **Professional Services**

#### **Hourly Rates**

Principal	\$190.00
Associate	\$170.00
Senior	\$135.00
Project	\$120.00
Staff	\$90.00
Technician	\$75.00

#### **Support Services**

Technical Editor	\$80.00
CAD Drafter	\$80.00
Clerical	\$65.00

#### **Notes:**

- The above rates do not apply to depositions and court appearances. Fees for these services are 150 percent of those stated above for professional services. A minimum charge of one-half day is applicable for these services.



GOLDAK, INC.  
15835 MONTE STREET UNIT 104  
SYLMAR, CA 91342  
818.367-0149  
FAX 818-833-7694  
WWW.GOLDAK.COM

## **SERVICE CHARGES AND SURVEY DESCRIPTIONS**

### **Modified for LA County Public Works Contract**

PRICES ESTABLISHED FOR ALL OF LOS ANGELES COUNTY

#### **SURVEY FOR EACH WATER, AIR, OR GAS LEAK**

Residential Water Leak (per leak)	\$295.00
Commercial Water Leak (per leak)	\$375.00
Radiant Heating Systems	\$450.00
Sprinkler Systems & Irrigation Lines (pressure side)	\$450.00
Firelines	\$450.00/900.00/1800.00
Gas Leaks (cubic foot loss required)	Daily Rates: \$450.00 Minimum
Additional Charges (\$100.00 per Helium Bottle)	\$900.00 ½ Day
	\$1800.00 Full Day
Non-Metallic Water Leak (per leak)	\$450.00 - \$900.00
(Goldak recommends that an industrial air compressor be on site)	

#### **SEWER SURVEYS**

Residential Sewer	\$295.00 (\$125.00 each additional line)
Commercial Sewer	\$375.00 (\$175.00 each additional line)
Pinpoint Stoppage	\$375.00 (\$175.00 each additional line)
Locate Break or Crack in Cast Iron Line (mud on snake)	\$375.00 (\$175.00 each additional line)
Locate a Fracture in a Sewer Line Which Leaks	Daily Rates: \$450.00 Minimum
	\$900.00 ½ Day
	\$1800.00 Full Day
Locate Septic Tank and Cesspools	\$295.00
Determine Fall of Sewer Line by Depth (non and metallic)	\$375.00
Locate Origin of Sewer Orders	Daily Rates: \$450.00 Minimum
	\$900.00 ½ Day
	\$1800.00 Full Day
Sewer Video Inspection & Location (Residential)	\$295.00 (\$125.00 each additional line)
Sewer Video Inspection & Location (Commercial)	\$375.00 (\$175.00 each additional line)

#### **PIPELINE AND UTILITY SURVEYS**

Minimum	\$450.00
½ Day (4 Hours)	\$900.00
Full Day (8 Hours)	\$1800.00

#### **VALVES, VALVE CAP, AND MANHOLE COVERS**

Minimum	\$295.00 - \$450.00
½ Day (4 Hours)	\$900.00
Full Day (8 Hours)	\$1800.00

#### **ELECTRICAL FAULTS AND CABLES**

Fault Location	\$450.00 per fault
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**PLEASE CALL FOR A QUOTATION**

**MOBILIZATION FEE OF \$25.00 TO SURVEYS IN THE HIGH DESERTS OF LA COUNTY  
AFTER HOURS & WEEKEND SURVEYS WILL INCUR AN ADDITIONAL FEE(S)**

<u>Equipment &amp; Labor</u>	<u>Rate</u>	<u>Units</u>	<u>Materials</u>	<u>Rate</u>	<u>Units</u>
Cone Penetration Test Rig, 2-man crew	\$ 375.00	hour	2" Blank PVC Sch 40	\$ 5.00	foot
Mud Rotary rig, two man crew,	\$ 330.00	hour	2" Slotted PVC Sch 40	\$ 8.00	foot
Fraste FS400/Gefco Rotary Rig, 3-man crew	\$ 455.00	hour	4" Blank PVC Sch 40	\$ 10.00	foot
Sonic Drill Rig, 3-man crew	\$ 750.00	hour	4" Slotted PVC Sch 40	\$ 15.00	foot
Truck/Track-Mounted Auger rig, 2man crew	\$ 305.00	hour	2" Fittings - Threaded	\$ 10.00	each
CME 95/850 Auger rig, 3-man crew	\$ 365.00	hour	2" Fittings - Slip	\$ 5.00	each
Air Vacuum Excavation, 2-man crew	\$ 235.00	hour	4" Fittings - Threaded	\$ 20.00	each
Truck Mounted Direct Push Rig, 1-man crew	\$ 190.00	day	4" Fittings - Slip	\$ 10.00	each
Water Truck Rig Tender	\$ 400.00	day	2" Locking Cap - Star Cap	\$ 55.00	each
Service Truck, CPT Support Truck	\$ 200.00	day	4" Locking Cap - Star Cap	\$ 65.00	each
Mud System	\$ 250.00	day	2" Locking Cap - Morrisons	\$ 15.00	each
Grout Pump/Steam Cleaner	\$ 150.00	hour	4" Locking Cap - Morrisons	\$ 25.00	each
Service Runs	\$ 100.00	day	3/4" PVC Blank	\$ 3.50	foot
Front-End Loader/Bobcat/Forklift	\$ 300.00	hour	3/4" PVC Slotted	\$ 5.00	foot
Fork Lift Delivery/Pickup	\$ 75.00	hour	3/4" Fittings	\$ 5.00	each
Additional Crew Member	\$ 75.00	mn/hr	Filter Sand - 50 lbs	\$ 15.00	bag
Premium Time -> 8 hours	\$ 25.00	mn/dy	Bentonite Chips	\$ 16.00	each
Per Diem	\$ 165.00	day	Bentonite Pellets TR-30 (5 gal. pail)	\$ 85.00	each
LIF-UVOST	\$ 1,750.00	each	Bentonite Pellets Reg (5 gal. pail)	\$ 52.00	each
Sapphire Window	\$ 150.00	day	Bentonite Drill Mud	\$ 20.00	bag
Ventilation Equipment, blower, 150' hose	\$ 175.00	hour	Bentonite Grout	\$ 30.00	bag
Pump Rig - 1-man crew	\$ 190.00	day	Portland Cement	\$ 15.00	bag
Submersible Pump	\$ 160.00	day	Ready Mix Concrete	\$ 10.00	bag
Portable Water Trailer	\$ 150.00	day	Quick Set Concrete	\$ 20.00	bag
Horiba Meter	\$ 90.00		Monitoring Well Box	\$ 150.00	each
			Anodized Stand Pipe	\$ 250.00	each
<u>Materials</u>			Bollards	\$ 55.00	each
55-gallon Drum	\$ 50.00	each	Wood Plugs	\$ 20.00	each
1/4" or 1/2" Tubing	\$ 1.00	foot	Core Box - Wood - HQ, NQ	\$ 45.00	each
Disposable Tips	\$ 35.00	each	Core Box - Cardboard HQ, NQ, PQ	\$ 20.00	each
Disposable Bailers	\$ 15.00	each	Level C PPE	\$ 75.00	mn/dy
SS Vapor Probes	\$ 45.00	each	Traffic Cones	\$ 28.00	each
PVC Vapor Probes	\$ 12.00	each	Concrete Core < 8" dia, 6" thick max	\$ 75.00	each
Sample Rings	\$ 8.00	each	Concrete Core 10" - 14", 6" thick max	\$ 125.00	each
Macro Core Tubes	\$ 8.00	each	<b>Sales Tax Materials(at local rates)</b>		

## Mobile Lab - Soil Vapor Services

### MOBILE LAB - SOIL VAPOR

- **H&P 8260SV: VOCs (modified EPA 8260B)**

8260SV: Mobile Lab, Full Day, up to 15 analyses with standard RLs	day	\$1,800
8260SV: Mobile Lab, Half Day, up to 7 analyses with standard RLs	half day	\$1,300
Additional analyses over daily rate	each	\$125

**Additional Analytical Services:**

TPH gas (C5-C12) by H&P 8260SV	each	\$25
APH by H&P 8260SV (Aliphatics/Aromatics)	each	\$50
Methane by EPA 8015m on-site	each	\$50
Fixed Gases CO <sub>2</sub> /O <sub>2</sub> /N <sub>2</sub> by ASTM D1945 on-site	each	\$50

*\*CO can be analyzed, but must be done off-site with tedlar bag*
- **H&P TO-15: VOCs (modified EPA TO-15)**

TO-15: Mobile Lab, Full Day, 12 analyses	day	\$2,150
TO-15: Mobile Lab, Half Day, 6 analyses	half day	\$1,650
Additional analyses over daily rate	each	\$195

**Additional Analytical Services:**

SIM Analysis for selected compounds (cost per sample)	each	\$25
TPH gas (C5-C12) by H&P TO-15	each	\$25
APH by H&P TO-15 (Aliphatics/Aromatics)	each	\$50
Methane by EPA 8015m off-site	each	\$50
Fixed Gases CO <sub>2</sub> /O <sub>2</sub> /N <sub>2</sub> by ASTM D1945 off-site	each	\$50

*\*CO can be analyzed upon request*
- **EPA 8015m: Methane**

8015m: Mobile Lab, Full Day, up to 20 analyses	day	\$1,800
8015m: Mobile Lab, Half Day, up to 10 analyses	day	\$1,300
Additional analyses over daily rate	each	\$95
- **H&P TO-14: VOCs (modified EPA TO-14)**

TO-14: Mobile Lab, Full Day, 30 analyses	day	\$2,800
TO-14: Mobile Lab, Half Day, 15 analyses	half day	\$2,250
Additional analyses over daily rate	each	\$95

**Additional Analytical Services:**

Tedlar Bags (often used with TO-14 sample collection/transport)	each	\$20
TO-15 Confirmation Analysis off-site (includes free summa rental)	each	\$170
- **Radon for Attenuation**  
SEE FIXED LAB PRICING FOR RADON COSTS

### ADDITIONAL SERVICES

- **Handheld Meters for Soil Vapor**

Hydrogen Sulfide: Jerome 631x GFD	day	\$450
Helium as Leak Check: MGD-2002 Dielectric Meter	day	\$350
Methane/CO <sub>2</sub> /O <sub>2</sub> /N <sub>2</sub> : Landtec GEM 2000	day	\$250
Magnahelic Gauge for Probe Pressure (LADBS Methane Surveys)	day	\$25

## Mobile Lab - Soil Vapor Services

### ADDITIONAL SERVICES continued

- **Miscellaneous**

Sampling Assistant w/ Purge Pump and Vacuum Gauge	day	\$500
Individual 1-way Valve Termination (with a section of connector tubing)	each	\$3
J-Flags, Detections between RL and MDL	sample	\$15
TICs (Tentatively Identified Compounds)	sample	\$50
Tedlar Bags, if needed for sample transport or dilutions	each	\$20
- **Data Deliverables**

Standard Level II PDF Report, Hard Copy Optional	each	included
Level III PDF Report for Validation (10% of analytical costs)	each	10%
Level IV PDF Report for Validation (15% of analytical costs)	each	15%
Excel EDD, Standard Format	each	included
EDF for CA Geotracker (5% of analytical costs)	each	5%
EQUIS EDD (10% of analytical costs)	each	10%
Alternate EDD Formats, if included in the H&P LIMS system	each	10%
New EDD Formats, not already in LIMS system (bid per project)	each	TBD
DOD ELAP Data Package (bid per project)	each	TBD
- **Pre-Field Work Prep**

Pre-Project Safety Meeting (on-site)	hour	\$195
Pre-Project Safety Meeting (teleconference)	hour	included
- **Additional Costs**

Overtime, over 8 hours (per person)	hour	\$195
Mobilization: Greater Areas of Los Angeles Only (per vehicle)	day	\$150

*Mobilization and Per Diem for out of area work is bid per project*

#### **Definitions, Notes, & Assumptions**

Level D PPE, Standard Work Day M-F.

A Full Day includes 8 hrs on-site between 7am and 6pm (Half Day is 4 hrs on-site)

Progress of sampling and analysis will depend on site and sample conditions/concentrations.

Travel, Per Diem, Nights/Wknds, Prevailing Wage, & increased PPE protection are bid per project.

H&P Laboratory Certifications can be found at [www.handpmg.com/about/certifications](http://www.handpmg.com/about/certifications)

## Mobile Lab - Soil & Water Services

### MOBILE LAB - SOIL AND WATER

- **LUFT: TPH Gas (C5-C12), Diesel (C12-C24), Extended/Oil (C25-C36)**

LUFT: Mobile Lab, Full Day, up to 20 g/d/ext or 30 g/d analyses	day	\$1,800
LUFT: Mobile Lab, Half Day, up to 10 or 15 analyses	half day	\$1,300
Additional analyses over daily rate	each	\$59
- **EPA 8260B: VOCs**

8260B: Mobile Lab, Full Day, up to 15 analyses	day	\$1,800
8260B: Mobile Lab, Half Day, up to 7 analyses	half day	\$1,300
Additional analyses over daily rate	each	\$125

**Additional Analytical Services:**

TPH gas (C5-C12) by LUFT GC/MS in soil or water on-site	each	\$25
Ethanol by 8260B in soil or water on-site	each	\$25
5035 Prep Method (included with analyses on-site; 15 per day)	each	included
5035 Prep Kit for additional samples over 15 per day	each	\$20
- **Combo Lab: TPH + VOCs**

Combo: Mobile Lab, Full Day, up to 16 analyses (i.e. 8 samples for each)	day	\$1,800
Combo: Mobile Lab, Half Day, up to 8 analyses (i.e. 4 for each)	half day	\$1,300
Additional analyses over daily rate	each	\$125

### ADDITIONAL SERVICES

- **Data Deliverables**

Standard Level II PDF Report, Hard Copy Optional	each	included
Level III PDF Report for Validation (10% of analytical costs)	each	10%
Level IV PDF Report for Validation (15% of analytical costs)	each	15%
Excel EDD, Standard Format	each	included
EDF for CA Geotracker (5% of analytical costs)	each	5%
EQUIS EDD (10% of analytical costs)	each	10%
Alternate EDD Formats, if included in the H&P LIMS system	each	10%
New EDD Formats, not already in LIMS system (bid per project)	each	TBD
DOD ELAP Data Package (bid per project)	each	TBD
J-Flags, Detections between RL and MDL	sample	\$15
TICs (Tentatively Identified Compounds)	sample	\$50
- **Pre-Field Work Prep**

Pre-Project Safety Meeting (on-site)	hour	\$195
Pre-Project Safety Meeting (teleconference)	hour	included
- **Additional Costs**

Overtime, over 8 hours (per person)	hour	\$195
Mobilization Greater Area of Los Angeles (per vehicle)	day	\$150

*Mobilization and Per Diem for out of area work is bid per project*

#### **Definitions, Notes, & Assumptions**

Level D PPE, Standard Work Day M-F.

A Full Day includes 8 hrs on-site between 7am and 6pm (Half Day is 4 hrs on-site)

Progress of sampling and analysis will depend on site and sample conditions/concentrations.

Travel, Per Diem, Nights/Wknds, Prevailing Wage, & increased PPE protection are bid per project.

H&P Laboratory Certifications can be found at [www.handpmg.com/about/certifications](http://www.handpmg.com/about/certifications)

## Fixed Lab - Soil Vapor & Air Services

### SAMPLING SUPPLIES

- **Sample Containers & Supplies**

Summa Canister Rental, Batch Certified (400mL, 1L, 6L)	each	\$25
Summa Canister Rental, Individually Certified (400mL, 1L, 6L)	each	\$95
Soil Vapor Sample Kit w/ <200mL/min Flow Reg (no cost with tech)	each	\$25
Shut-In Test Kit (per sample)	each	included
Ambient Air Flow Regulator (e.g. 8 hour or 24 hour)	each	\$45
Tedlar Bag with Kit (500mL Tedlar, Syringe, 3-way Valve, Tubing)	each	\$20
Probe Vacuum Gauge Rental (one per project, not per sample)	each	\$25
- **Pre-Constructed Vapor Probe Kits**

Temporary Vapor Probe (Airstone, 1/8" Nylaflow, Valve Termination)	each	\$15
Permanent Vapor Probe (S.Steel Implant, 1/8" Nylaflow, Valve Termination)	each	\$35
Temporary Subslab Probe (Airstone, 1/8" Nylaflow, Valve Termination)	each	\$15
Permanent Subslab Probe (S.Steel Implant, Any Tubing, Swagelok top)	each	\$85
Individual 1-way Valve Termination (with a section of connector tubing)	each	\$3
SV Probes with 1/4" Teflon Tubing are bid per foot (\$3.50/ft + filter cost)	each	TBD

### ANALYTICAL SERVICES

- **H&P 8260SV: VOCs (modified EPA 8260B)**

8260SV: Full List VOCs, Standard TAT	each	\$115
8260SV: Short List VOCs (<10 compounds), Standard TAT	each	\$100

**Additional Analytical Services:**

TPH gas (C5-C12) by H&P 8260SV	each	\$25
APH by H&P 8260SV (Aliphatics/Aromatics)	each	\$50
- **EPA TO-15: VOCs**

TO-15: Full List VOCs, Standard TAT	each	\$185
TO-15: Short List VOCs (<10 compounds), Standard TAT	each	\$170

**Additional Analytical Services:**

TPH gas (C5-C12) by EPA TO-15	each	\$25
APH by EPA TO-15 (Aliphatics/Aromatics)	each	\$50
- **Fixed Gases & Leak Check Compounds**

8015m: Methane, 3-day TAT included in cost	each	\$50
ASTM D1945: CO <sub>2</sub> /O <sub>2</sub> /N <sub>2</sub> , 3-day TAT included in cost	each	\$50
<i>ASTM D1945: CO can be analyzed upon request at no additional cost</i>		
Leak Check Compound: 1,1-DFA or equivalent (8260SV or TO-15)	each	included
Leak Check Compound: IPA (8260SV or TO-15)	each	\$15
Leak Check Compound: Helium (ASTM D1945)	each	\$50
- **Radon for Attenuation**

Alpha-Scintillation Counting for Radon Attenuation Data (requires a tedlar)	each	\$150
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## Fixed Lab - Soil Vapor & Air Services

### ADDITIONAL SERVICES

- **RUSH Turnaround Times**

Standard TAT = preliminary data in 5-7 business days, final within 10	each	included
3-day TAT is a 25% mark-up	each	25%
48 hour TAT is a 50% mark-up	each	50%
24 hour TAT is a 100% mark-up and should be confirmed in advance	each	100%
SAME DAY TAT is a 200% mark-up and should be confirmed in advance	each	200%

- **Data Deliverables**

Standard Level II PDF Report, Hard Copy Optional	each	included
Level III PDF Report for Validation (10% of analytical costs)	each	10%
Level IV PDF Report for Validation (15% of analytical costs)	each	15%
Excel EDD, Standard Format	each	included
EDF for CA Geotracker (5% of analytical costs)	each	5%
EQUIS EDD (10% of analytical costs)	each	10%
Alternate EDD Formats, if included in the H&P LIMS system	each	10%
New EDD Formats, not already in LIMS system (bid per project)	each	TBD
DOD ELAP Data Package (bid per project)	each	TBD

- **Miscellaneous**

Canister Cleaning Charge (for summas used, but not analyzed)	each	\$75
J-Flags, Detections between RL and MDL	sample	\$15
TICs (Tentatively Identified Compounds)	sample	\$50

#### **Definitions, Notes, & Assumptions**

Standard TAT (5-7 business days) is assumed for all off-site analysis, unless otherwise indicated  
Tedlars must be received 1-2 days after sampling, and on a Tues or Wed to facilitate stdnd TAT  
Canister Rental Period is 10 business days (up to 1 month maximum without additional cost)  
H&P Laboratory Certifications can be found at [www.handpmg.com/about/certifications](http://www.handpmg.com/about/certifications)

## Drilling & Sampling Services

Prices reflect a discount with lab analysis. Sampling and installation without analysis is bid per project.

### DPT DRILLING SERVICES

- **Manual Hand Probe Equipment with One Technician**  
**SCOPE: Subslab or Shallow Soil Vapor Only (5' bgs or less)**  
 Manual Hand Probe Technician, Full Day day \$1,200  
 Manual Hand Probe Technician, Half Day half day \$950
- **Strataprobe DPT Rig with One Driller**  
**SCOPE: Soil Vapor Only (deeper than 5' bgs)**  
 Strataprobe DPT Rig, 1 Technician, Full Day day \$1,675  
 Strataprobe DPT Rig, 1 Technician, Half Day half day \$1,195
- **Strataprobe DPT Rig with Two-Man Crew (Driller/Helper)**  
**SCOPE: Soil, Groundwater, and/or Soil Vapor, Hand Augers**  
 Strataprobe DPT Rig, 2 Technicians, Full Day day \$1,800  
 Strataprobe DPT Rig, 2 Technicians, Half Day half day \$1,300
- **Limited Access Rig + Strataprobe with Two-Man Crew (Driller/Helper)**  
**SCOPE: Soil, Groundwater, and/or Soil Vapor, Hand Augers**  
 LAR + Strataprobe DPT Rig, 2 Technicians, Full Day day \$2,100  
 LAR + Strataprobe DPT Rig, 2 Technicians, Half Day half day \$1,600
- **Hand Auger Crew (Two Techs)**  
**SCOPE: Shallow Soil, Utility Clearance, etc.**  
 Hand Auger Crew (no DPT), Full Day day \$1,650  
 Hand Auger Crew (no DPT) Half Day half day \$1,150

### CONSUMABLES

- **General Drilling Consumables**  
 Soil Vapor Only Consumables (bentonite, sand, patch, etc) day \$200  
 Soil Vapor Only Consumables (bentonite, sand, patch, etc) half day \$150  
 Soil/GW/SV Consumables (acetate, bentonite, sand, patch, etc) day \$350  
 Soil/GW/SV Consumables (acetate, bentonite, sand, patch, etc) half day \$250  
 Additional GW Considerations: Temp PVC Casing, if necessary foot \$5  
 Additional GW Considerations: Disposable Bailers, if necessary each \$20
- **Vapor Probe Options (Subslab or Soil Vapor), with field installation**  
 PRT or Hand Probe Sampling Per Location (1/8" Nylaflo & Drop-off Pt) each \$10  
 Temporary Soil Vapor Probe (Airstone, 1/8" Nylaflo, Valve) each \$15  
 Permanent Soil Vapor Probe (S.Steel Implant, 1/8" Nylaflo, Valve) each \$35  
 Temporary Subslab Probe (Airstone, 1/8" Nylaflo, Valve) each \$15  
 Permanent Subslab Probe (S.Steel Implant, Any Tubing, Swagelok top) each \$85  
 Individual 1-way Valve Termination (with a section of connector tubing) each \$3  
 SV Probes with 1/4" Teflon Tubing are bid per foot (\$3.50/ft + filter cost)  
 Vapor Pin™ by Cox Colvin, Stainless Steel, with Secure Cover each \$115
- **Miscellaneous Services/Items**  
 Concrete Drilling, <6" with Rotomhammer or DPT Truck (1"-2" dia) each \$15  
 Concrete/Asphalt Coring by H&P Sub (estimated cost + 15%) lump sum TBD  
 55-Gallon Drum (delivery only) each \$75  
 Well Box, 3.5" or 5" diameter, with standard concrete seal each \$80  
 Well Box, 3.5" or 5" diameter, with SD DEH 12" diameter concrete seal each \$95

## Drilling & Sampling Services

Prices reflect a discount with lab analysis. Sampling and installation without analysis is bid per project.

### SOIL VAPOR SAMPLING SERVICES

NOTE: H&P Drillers and Chemists can perform vapor sampling (labor is included with daily rates). The costs below are for sampling for the fixed lab with no drilling or mobile lab work, and/or specialty sampling services.

- **Soil Vapor Sampling Services - Liquid Leak Check**  
**SCOPE: Soil Vapor Sampling from Existing Probes; drilling not included**

Vapor Sampling Technician, Full Day	day	\$850
Vapor Sampling Technician, Half Day	half day	\$650
Liquid Leak Check (1,1-DFA), included with Sampling Service	each	included
- **Soil Vapor Sampling Services - Gaseous Leak Check**  
**SCOPE: Soil Vapor Sampling from Existing Probes; drilling not included**

Vapor Sampling Technician, Full Day	day	\$850
Vapor Sampling Technician, Half Day	half day	\$650
Vapor Sampling Technician and Helper (for larger scopes), Full Day	day	\$1,250
Vapor Sampling Technician and Helper (for larger scopes), Half Day	half day	\$950
Gaseous Leak Check (Helium Shroud and Consumables)	sample	\$65
Gaseous Leak Check (MGD-2002 Dielectric Meter)	day	\$350

### IN SITU SOIL VAPOR TESTING SERVICES

- **Soil Permeability Testing**  
**SCOPE: Done in conjunction with other field work**

Soil Permeability Board and Pumps	day	\$150
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Note: Permeability Testing requires 1/4" Teflon for probe construction
- **Diffusion Coefficient Testing**  
**SCOPE: Done in conjunction with other field work**

Helium Meter: MGD-2002 Dielectric Meter	day	\$350
Tedlar Bags: 1L and 3L Bags, 3 per location are required (\$15/each)	location	\$45
Helium Standard in 6L Summa Canister	each	\$75

### AMBIENT AIR SAMPLING SERVICES

- **Air Sampling Tech**  
**SCOPE: 8-hour Air Sampling Event with Building Survey**

Air Sampling Technician, Full Day	day	\$850
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**SCOPE: 24-hour Air Sampling Event with Building Survey**

Air Sampling Technician, Half Day (Budget 2 half days; drop off/ pick up)	half day	\$650
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### ADDITIONAL COSTS

- **Handheld Meters for Soil Vapor**

Hydrogen Sulfide: Jerome 631x GFD	day	\$450
Helium as Leak Check: MGD-2002 Dielectric Meter	day	\$350
Methane/CO2/O2/N2: Landtec GEM 2000	day	\$250
Magnahelic Gauge for Probe Pressure (LADBS Methane Surveys)	day	\$25
Probe Vacuum Gauge	day	included

## Drilling & Sampling Services

*Prices reflect a discount with lab analysis. Sampling and installation without analysis is bid per project.*

### ADDITIONAL COSTS (continued)

- **Pre-Field Work Prep**

Site Walk, Half Day	half day	\$350
Pre-Project Safety Meeting (on-site)	hour	\$195
Pre-Project Safety Meeting (teleconference)	hour	included

- **Additional Costs**

Overtime, over 8 hours (per person)	hour	\$195
Mobilization for greater area of Los Angeles (per vehicle)	day	\$150

*Mobilization and Per Diem for out of area work is bid per project*

#### **Definitions, Notes, & Assumptions**

Level D PPE, Standard Work Day M-F.

A Full Day includes 8 hrs on-site between 7am and 6pm (Half Day is 4 hrs on-site)

Clearance of underground utilities is the responsibility of the client prior to sampling.

Progress of sampling and analysis will depend on site and sample conditions.

C-57 License Number: 920371

Travel, Per Diem, Nights/Wknds, Prevailing Wage, & increased PPE protection are bid per project.

## Accord Engineering - LACPW Service Rate Sheet

State Asbestos Certified Site Surveillance Technician (CSST),	\$95/hour*
State Certified Lead Technician	\$95/hour*
State Certified Asbestos Consultant (CAC),	\$125/hour*
Senior Project Manager (Includes, but is not limited to Construction Bid Walks & Pre-Construction Meetings)	\$125/hour*
State Certified Lead Technician with X-Ray Florescence (XRF) Gun	\$125/hour*
Asbestos Air Sample Analysis by Phase Contrast Microscopy (PCM)	Included in CSST Rate Above
Asbestos Air Sample Analysis by Transmission Electron Microscopy (TEM):	
Same Day Rush Turnaround	\$125/sample
24 Hour Turnaround	\$95/sample
Lead Bulk/Air/Soil/Wipe Sample Analysis by (AAS) - 24 Hour Turnaround	\$25/sample
Asbestos Bulk Sample Analysis by Polarized Light Microscopy (PLM) - 24 Hour Turnaround	\$15/sample
Report Development, Review & Delivery	\$95/hour

\* 4 Hour Minimum



## RINCON CONSULTANTS, INC.

### Standard Fee Schedule for Environmental Sciences and Planning Services

The Rincon Consultants fee schedule illustrates how time is charged to projects by our professionals and support staff. Direct costs associated with project labor are billed to the project as outlined under Reimbursable Expenses below.

Professional, Technical & Support Personnel*	Hourly Rate
Principal II	\$220
Principal I	\$205
Senior Supervisor II	\$185
Supervisor I	\$175
Senior Professional II	\$155
Senior Professional I	\$145
Professional IV	\$130
Professional III	\$120
Professional II	\$110
Professional I	\$95
Environmental Technician/Field Aide	\$80
Senior GIS Specialist	\$125
GIS/CADD Specialist II	\$110
GIS/CADD Specialist I	\$95
Graphic Designer	\$90
Technical Editor	\$100
Clerical/Administrative Assistant II	\$80
Clerical/Administrative Assistant I	\$70

\*Professional classification includes: environmental scientists, urban planners, biologists, geologists, marine scientists and cultural resources experts. Expert witness services consisting of depositions and/or in-court testimony are charged at the hourly rate of \$295.

#### Photocopying and Printing

Photocopies will be charged at cost. Colored copies will be charged at cost, double-sided or 11"×17" copies. Oversized maps or display graphics will be charged at a rate of \$8.00/square foot.

#### Reimbursable Expenses

Reimbursable Expenses are costs associated with completing a project that are not include the hourly billing rates described above. Reimbursable expenses include, but are not limited to, the following:

1. *Direct costs associated with the execution of a project are billed at cost. Direct costs include, but are not limited to, laboratory and drilling services charges, subcontractor services, authorized travel expenses, permit charges and filing fees, printing and graphic charges, mailings and postage, performance bonds, sample handling and shipment, rental equipment and vehicles other than covered by the above charges, etc. Communications charges and miscellaneous office expenses (including PDAs, cell phones, phone, fax, and electronic data transmittals, digital cameras, photo processing, etc.).*
2. *Transportation fees; company-owned vehicles will be billed \$85/day for light-duty vehicles and trucks \$135/day for 4-WD/off road vehicles for mileage over 50 miles per day.*



## RINCON CONSULTANTS, INC.

### Equipment Schedule for Environmental Sciences and Planning Services

Equipment	Day Rate
<b>Environmental Site Assessment</b>	
Brass Sample Sleeves, Bailers, Disposable Bailers	\$25 ea.
Water Level Indicator, DC Purge Pump	\$40 ea.
Hand Auger Sampler	\$55
Oil-Water Interface Probe	\$85
Four Gas Monitor or Photo-Ionization Detector	\$120 ea.
Photo-Ionization Detector	\$120
Soil Vapor Extraction Monitoring Equipment	\$140
Flame Ionization Detector	\$200
<b>Natural Resources &amp; Multi-Services Field Equipment</b>	
Trimble GPS (sub-meter accuracy)	\$190
Pettersson Bat Ultrasound Detector/Recording Equipment	\$150
Spotting or Fiberoptic Scope	\$150
Amphibian Survey Field Package: (digital camera, GPS, thermometer, decon chlorine, waders, float tube, hand net)	\$150
Remote Field Package, (digital camera, GPS, thermometer, binoculars, field computer and mifi, Delorme Satellite Beacon, 24-Hour Safety Phone)	\$125
Sound Level Metering Field Package: anemometer, tripod and digital camera.	\$100
Construction Monitoring Field Package: (digital camera, GPS, thermometer, binoculars, field computer, safety equipment)	\$95
Standard Field Package (digital camera, GPS, thermometer, binoculars, and botanic collecting equipment)	\$50
Minnow trap	\$85 ea.
Infrared Sensor Digital Camera or Computer Field Equipment	\$50
Scent Station	\$20
Laser Rangefinder/Altitude	\$10
Net, Hand/Large seine	\$10/\$50 ea.
Pit-fall Traps, Spotlights, Anemometer, GPS Units, Sterilized Sample Jar	\$8 ea.
Mammal Trap, Large/Small	\$1.50/\$.50 ea.
<b>Water &amp; Marine Resources Equipment</b>	
Refractometer (salinity) or Turbidity Meter	\$35
Multi Parameter Sonde (Temp, Cond, Turbidity, DO, pH) with GPS	\$200
Boat (20 ft. Boston Whaler or Similar)	\$300
Side Scan or Single Beam Sonar	\$700 ea.
Underwater & Marine Sampling Gear includes: Photo/Video Camera, Dissolved Oxygen Meter, Temp-pH-Conductivity Meter, Tanks, BCD, Regulators, Binoculars, Tapes, Buoys, Floats, etc.	\$50 ea.
Marine Field Package: (Personal Flotation Devices (PFDs), 100 ft. Real Tapes w/ Stainless Carabiners, Pelican Floats, Underwater Slates, Thermometer, Refractometer, Anemometer, various Field Guides)	\$50
<b>Insurance, Hazard &amp; Safety Fees</b>	
L & H Dive Insurance	\$50 person
Hazard Premium (In or Underwater ONLY per/hour)	1.25 X hourly
Level C Health and Safety	\$60 person



**Regal Pacific  
Contracting & Compliance**

25350 Magic Mtn. Pkwy #300  
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CSLB#997684 [sales@regalpacificinc.com](mailto:sales@regalpacificinc.com)

AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,  
AND COMPLIANCE SERVICES  
CONSULTANT SERVICES AGREEMENT  
FEE SCHEDULE

<u>LABOR CLASSIFICATION</u>	<u>HOURLY RATE</u>
Draftsperson with CADD experience	\$175.00
Clerical Staff	\$95.00



# WALLACE Laboratories

365 Coral Circle | El Segundo, CA 90245

Phone 310.615.0116 | Cell 310.714.4276

## 2015 FEES - SOIL ANALYSES

**Standard Agricultural Suitability Analysis** \$80.00 for one, \$75.00 each for multiple samples

test includes the following:

pH and electroconductivity (salinity) measurement - saturated extract paste

nutrients/toxic elements measurement of DTPA extract for Table I elements

measurement of sodicity (Sodium Adsorption Ratio)

saturation extract: nitrate, chloride, sulfate, sodium, calcium, magnesium, potassium, soluble phosphate and boron

estimate of soil texture and soil organic matter

presence of lime determined

### Additional Tests

total organic matter, total carbon, total nitrogen and C:N ratio \$50.00

sand, silt and clay percentage and soil texture \$30.00

CEC (cation exchange capacity) and base saturation \$30.00

Growth Study for herbicides \$100.00

sieve analysis \$55.00

water infiltration rate \$30.00

### Specific soil tests

total nitrogen \$30.00

total carbon \$30.00

pH measurement \$10.00

salinity (electroconductivity) or saturation percentage \$10.00

SAR (sodium adsorption ratio) or ESP (exchangeable sodium percentage)

measurement, pH, salinity, boron, sulfate, potassium, calcium & magnesium \$40.00

elemental measurement of DTPA extract for Table I elements \$45.00

hydrogen ion exchange \$10.00

ammonium nitrogen, exchangeable \$20.00

measurement of soil organic matter by combustion (ash) \$30.00

measurement of percent lime \$40.00

bulk density, disturbed sample \$25.00

total mineral analysis – EPA 3050, 30 elements \$100.00

Handling charge - \$5.00 per sample, waived for multiple standard tests

### TABLE I

■ aluminum	■ chromium	magnesium	potassium	■ tin
■ arsenic	* cobalt	manganese	■ selenium	■ vanadium
■ barium	copper	■ mercury	■ silver	zinc
boron	iron	■ molybdenum	* sodium	
■ cadmium	■ lead	■ nickel	■ strontium	
calcium	■ lithium	phosphorus	sulfur	

The nonessential, potentially toxic, elements are ■ identified with an "■". The elements which have not been shown to be essential in all plants are identified with an "\*".

Hourly fees \$175.00

Interpretation is provided with the data along with simple recommendations.

Service Work, Field work, Consulting Services and Detailed Recommendations are available at \$175.00/hour. Same day services are available.

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## FEES - PLANT ANALYSIS

**Standard plant analysis** \$70.00

test includes elements in Table II, nitrogen and chloride  
data interpreted by nutrient balance and elemental interactions

### Specific plant tissue tests

Total nitrogen \$30.00  
Table II elements only \$55.00

## FEES - IRRIGATION WATER ANALYSIS

**Standard Water Analysis** \$85.00

test includes  
pH measurement  
Salinity (electroconductivity)  
elements listed in Table II  
nitrate, chloride, sulfate, bicarbonate, carbonate, phosphate  
adjusted SAR (sodium absorption ratio)

### Specific water test

pH measurement	\$10.00
salinity (electroconductivity)	\$10.00
nitrite	\$30.00
nitrate	\$20.00
Redox	\$40.00
ammonium analysis	\$15.00
Total Nitrogen	\$30.00
Total Carbon	\$30.00
elements listed in Table II	\$65.00
TDS	\$35.00
High TDS solutions/mineral analysis/trace elements	\$95.00

Handling fee if the specific test(s) is not in conjunction with a Standard Analysis: \$10.00 for first sample and \$5.00 for each additional sample.

If desired, results can be faxed. There is no charge for this service.

## TABLE II

■ aluminum	■ chromium	magnesium	potassium	sulfur
■ arsenic	* cobalt	manganese	■ selenium	■ tin
■ barium	copper	■ mercury	* silicon	■ titanium
boron	iron	■ molybdenum	■ silver	■ vanadium
■ cadmium	■ lead	■ nickel	* sodium	zinc
calcium	■ lithium	phosphorus	■ strontium	

The ■ nonessential, potentially toxic, elements are identified with an "■". The elements which have not been shown to be essential in all plants are identified with an "\*".

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## FEES - MANURE, SLUDGE , AMENDMENT AND COMPOST ANALYSIS TOTAL ELEMENTAL ANALYSIS

**Total analysis (EPA 3050)** \$100.00

total elemental acid digest for the elements in Table II

**Complete Compost Test** \$235.00

Extractable nutrient and elemental analysis as listed below, total mineral content (EPA 3050), total nitrogen, speciation of nitrogen minerals, total P<sub>2</sub>O<sub>5</sub>, total K<sub>2</sub>O, organic matter, carbon:nitrogen ratio, bulk density, acid-soluble minerals, acid-insoluble content (sand and soil), and mineral content expressed as pounds per cubic yard.

## FEES - MEDIA ANALYSES MANURE, SLUDGE AND COMPOST EXTRACTABLE ELEMENTS ANALYSES

**Standard media/amendment analysis - Extractable** \$85.00

test includes the following:

pH measurement in saturated extract paste

electroconductivity on saturated extract (salinity)

nutrients/toxic elements measurement of DTPA extract for Table I elements

measurement of nitrate nitrogen, sulfate, chloride, sodium, magnesium, potassium,

calcium, phosphate and boron in saturated extract

SAR (sodicity)

presence of lime determined

### Specific Compost/Sludge/Media/Amendment Tests

pH measurement \$10.00

salinity (electroconductivity) \$10.00

SAR (sodium adsorption ratio) \$40.00

ESP (exchangeable sodium percentage) measurement \$40.00

elemental measurement of DTPA extract for Table I elements \$60.00

saturation extract: sulfate, chloride, bicarbonate and carbonate \$40.00

CEC (cation exchange capacity) & saturation percentage for cations \$30.00

ammonium nitrogen, exchangeable \$20.00

total nitrogen \$30.00

total carbon \$30.00

measurement of soil organic matter and ash by combustion \$30.00

sand, silt and clay percentage and soil texture \$30.00

measurement of percent lime \$60.00

bulk density \$25.00

pore space determination \$50.00

water infiltration rate \$30.00

sieve analysis \$55.00

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## FEES - FERTILIZER/MINERAL ANALYSIS

**Standard total analysis or DTPA Soluble analysis** for soluble samples \$100.00

test includes total elements in Table II  
acid digest or DTPA extraction

### Specific fertilizer tests

nitrogen (Total)	\$30.00
carbon (Total)	\$30.00
nitrogen and carbon (Total)	\$50.00
available phosphorus	\$40.00
soluble potassium	\$35.00
soluble ammonium	\$30.00
soluble nitrate	\$30.00
sieve analysis	\$55.00

### Other tests

pH	\$20.00
salinity (electroconductivity)	\$20.00
Preparation of sample if required	
Ball milling of sample	\$20.00

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Handling fee if the specific test(s) is not in conjunction with a Standard Analysis: \$10.00 for first sample and \$5.00 for each additional sample.

If desired, results can be faxed. There is no charge for this service.

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